

0CV10-M12101EN

# P R E F A C E

1. This Parts Catalog carries all parts incorporated in YANMAR Model 3TNA72E-NC engine manufactured since August, 1991.

2. Each illustration corresponds to the parts list on the following page.

3. When ordering parts, clearly write down the engine model and serial number, as well as the name and number of each part in your order sheet. This will help insure reliable delivery of the parts you have ordered.

4. Pub. No. 000YOOV1210      First Published : July, 1991.

Pub. No. 000YOOV1211      First Revised : March, 1992.

## Directions for the Parts Catalog.

- 1.This Parts Catalog shows both standard and optional parts.
- 2.Parts may change without prior notice.
- 3.The following is an example of the Parts Catalog format.

| OCF10-G21601 29. FUEL INJECTION PUMP(W/BOOST) |      |                                                        |                     |     |     |     |     |     |     |
|-----------------------------------------------|------|--------------------------------------------------------|---------------------|-----|-----|-----|-----|-----|-----|
| REF.                                          | LEV. | PARTS NO.                                              | DESCRIPTION         | (A) | (B) | (C) | (D) | (E) | (F) |
| 1                                             | 1    | 729595-51390                                           | FUEL INJECTION PUMP | 1   | 1   | 1   | 1   | 1   | 1   |
| 1-1                                           | 1    | 729595-51391                                           | FUEL INJECTION PUMP | 1   | 1   | 1   | 1   | 1   | N   |
|                                               |      | (A=E00185) (B=E00200)                                  |                     |     |     |     |     |     |     |
| 3                                             | 2    | 26022-060162                                           | SCREW M 6X 16       | 9   | 9   | 9   | 9   | 9   |     |
| 3-1                                           | 2    | 26022-060162                                           | SCREW M 6X 16       | 4   | 4   | 4   | 4   | 4   | K   |
|                                               |      | (A=E00156) (B=E00156) (C=E00156) (D=E00156) (E=E00156) |                     |     |     |     |     |     |     |
| 4                                             | 2    | 129470-51040                                           | CAMSHAFT            | 1   | 1   | 1   | 1   | 1   |     |
| 5                                             | 2    | 122710-51050                                           | BEARING, ROLLER     | 2   | 2   | 2   | 2   | 2   |     |
| 6                                             | 2    | 129470-51060                                           | RETAINER            | 1   | 1   | 1   | 1   | 1   |     |

Remarks

(1) BOOST COMPEMSATOR TYPE. OPTIONAL PART, TO E00155,(4JH-DT, 4JH-DTZ

### ① Ref. No.

The Ref. No. listed may not be in accordance with the illustration Ref. No.

(Ex.) Illustration No.

List Ref No.

1 1 (Before change) → 1-1 (After change)

For interchangeable symbols N, R and K, illustrations for new parts may be abbreviated.

### ② Lev. (Level)

Level indication

The numbers below indicate the level of relativity towards the main part.

1 ---- Main parts (Assembly parts)

2 ---- Sub component included in " 1 ".

3 ---- Sub component included in " 2 ".

Note) Parts that are not for sale are partially illustrated but not listed.

### ③ Interchangeability Symbol

When a part change takes place, one of the following interchangeability symbols is indicated beside the part.

| Symbol | Interchangeability                        | Contents note                                                                              |
|--------|-------------------------------------------|--------------------------------------------------------------------------------------------|
| N      | Old $\xrightarrow{\text{Yes}}$ New<br>No  | New Part is interchangeable for Old Part but Old Part is not interchangeable for New Part. |
| Q      | Old $\xrightarrow{\text{No}}$ New<br>Yes  | New Part is not interchangeable for Old Part but Old Part is interchangeable for New Part. |
| R      | Old $\xrightarrow{\text{Yes}}$ New<br>Yes | New/ Old Parts are both interchangeable.                                                   |
| S      | Old $\xrightarrow{\text{No}}$ New<br>No   | New/ Old Parts are both not interchangeable.                                               |
| W      |                                           | Part newly added.                                                                          |
| Z      |                                           | Part discontinued.                                                                         |
| F      |                                           | Not interchangeable by a single part but interchangeable together with related parts.      |
| K      |                                           | Changes only for used parts quantities.                                                    |

### ④ Effective Machine No.

When a part changes, the effective Machine No. will be indicated in the (A)-(F) column.

| Product Symbol | Product No.               | Product Symbol | Product No.                       |
|----------------|---------------------------|----------------|-----------------------------------|
| C              | Clutch No. Compressor No. | F              | Machine No. (Agricultural Equip.) |
| D              | Drive No.                 | M              | Machine No.                       |
| E              | Engine No.                |                |                                   |

Note 1) A date may follow the symbol. (Ex.) 1996.01

Note 2) "XXXXX" and "ZZZZZ" are for parts that could not be predicted or for engine models that could not be identified.

Note 3) (A=E00185) is the E (Engine Serial Number) for the column (A) model (in this case 4JH-DT) after the parts design change.

### ⑤ Remarks

Figures or alphabets (symbols) are entered in the remarks column.

The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

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| 3.         | MOUNTING FLANGE & OIL SUMP     |          |           |
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| 7.         | EXHAUST MANIFOLD               |          |           |
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| 11.        | COOLING WATER PUMP             |          |           |
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| 14.        | FUEL INJECTION VALVE           |          |           |
| 15.        | FUEL LINE                      |          |           |
| 16.        | STARTING MOTOR                 |          |           |
| 17.        | GENERATOR                      |          |           |
| 18.        | GASKET SET(OPTIONAL)           |          |           |

## 1. CYLINDER BLOCK

[illegible]

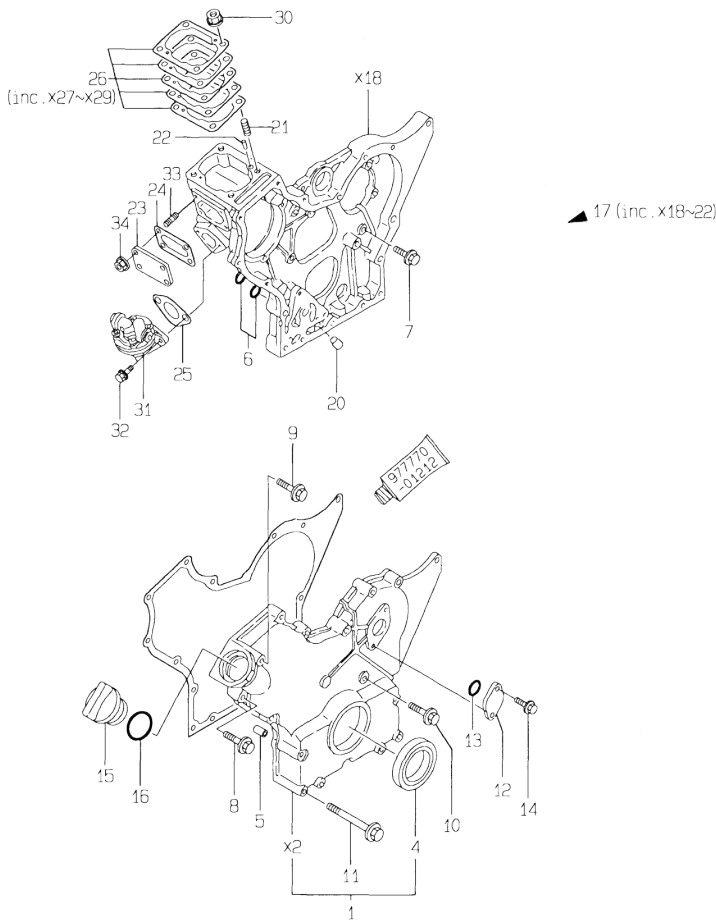
Remarks  
(1)UNDER-SIZE(U.S=0.25)PART.  
(M)MISPRINT.  
(2)NOT SOLD SEPARATELY.

N:Old  $\frac{\text{Yes}}{\text{No}}$  New. Q:Old  $\frac{\text{No}}{\text{Yes}}$  New. R:Old  $\frac{\text{Yes}}{\text{Yes}}$  New. S:Old  $\frac{\text{No}}{\text{No}}$  New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change

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Fig.2. GEAR HOUSING

2. GEAR HOUSING

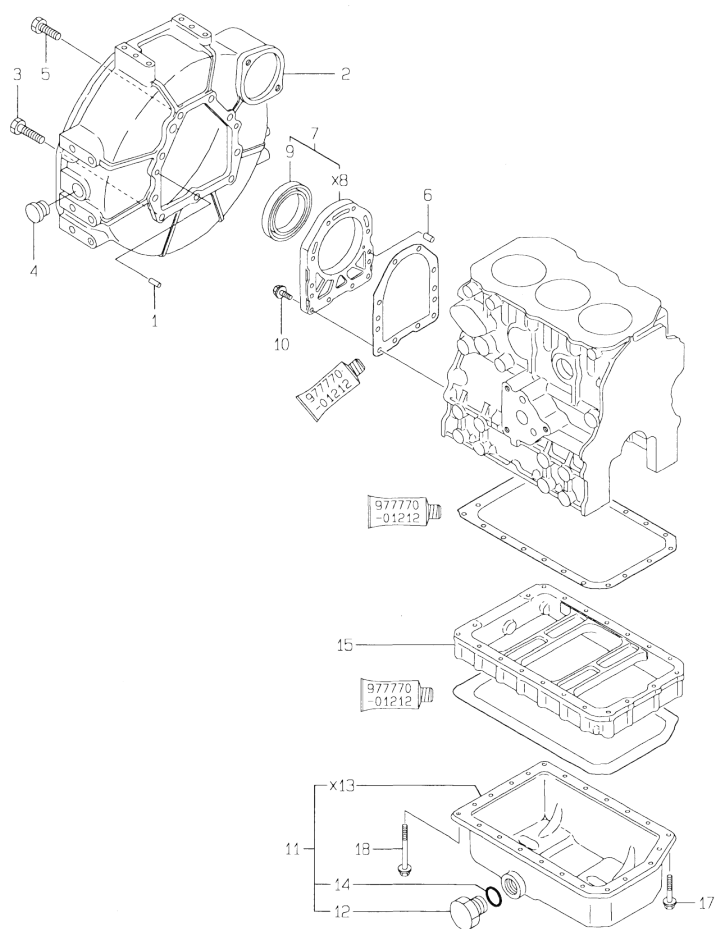


| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 119610-01590 | COVER ASSY,GEAR CASE | 1    |     |     |     |     |     |   |   |
| 4   | 2    | 119620-01800 | SEAL, OIL            | 1    |     |     |     |     |     |   |   |
| 5   | 1    | 119660-01911 | PIPE, KNOCK          | 4    |     |     |     |     |     |   |   |
| 6   | 1    | 24311-000120 | O-RING, 1AP12.0      | 2    |     |     |     |     |     |   |   |
| 7   | 1    | 26106-060162 | BOLT, M6X 16 PLATED  | 7    |     |     |     |     |     |   |   |
| 8   | 1    | 26106-060302 | BOLT, M6X 30 PLATED  | 8    |     |     |     |     |     |   |   |
| 9   | 1    | 26106-060602 | BOLT, M6X 60 PLATED  | 1    |     |     |     |     |     |   |   |
| 10  | 1    | 26106-060602 | BOLT, M6X 60 PLATED  | 3    |     |     |     |     |     |   |   |
| 11  | 1    | 26106-060802 | BOLT, M6X 80 PLATED  | 6    |     |     |     |     |     |   |   |
| 12  | 1    | 121023-01550 | COVER                | 1    |     |     |     |     |     |   |   |
| 13  | 1    | 24341-000240 | O-RING, 1AS24.0      | 1    |     |     |     |     |     |   |   |
| 14  | 1    | 26106-060182 | BOLT, M6X 18 PLATED  | 2    |     |     |     |     |     |   |   |
| 15  | 1    | 124160-01751 | COVER, FILLER        | 1    |     |     |     |     |     |   |   |
| 16  | 1    | 24311-000320 | O-RING, 1AP32.0      | 1    |     |     |     |     |     |   |   |
| 17  | 1    | 119610-01490 | CASE ASSY, GEAR      | 1    |     |     |     |     |     |   |   |
| 20  | 2    | 119660-01510 | PLUG, 10X14          | 1    |     |     |     |     |     |   |   |
| 21  | 2    | 121450-01560 | STUD, M8X22          | 4    |     |     |     |     |     |   |   |
| 22  | 2    | 22351-040010 | PIN, SPRING 4.0X10   | 2    |     |     |     |     |     |   |   |
| 23  | 1    | 119660-01551 | COVER                | 1    |     |     |     |     |     |   |   |
| 24  | 1    | 119660-01562 | GASKET               | 1    |     |     |     |     |     |   |   |
| 25  | 1    | 121520-01851 | GASKET               | 1    |     |     |     |     |     |   |   |
| 26  | 1    | 119620-01950 | SHIM SET, ADJUSTING  | 1    |     |     |     |     |     |   |   |
| 30  | 1    | 194990-22050 | NUT, M8              | 4    |     |     |     |     |     |   |   |
| 31  | 1    | 119600-52021 | PUMP ASSY, FUEL FEED | 1    |     |     |     |     |     |   |   |
| 32  | 1    | 26014-060202 | BOLT, M6X 20         | 2    |     |     |     |     |     |   |   |
| 33  | 1    | 26216-060162 | STUD, M6X 16         | 4    |     |     |     |     |     |   |   |
| 34  | 1    | 26366-060002 | NUT, M6              | 4    |     |     |     |     |     |   |   |

N:Old  $\frac{YES}{NO}$  New, Q:Old  $\frac{YES}{NO}$  New, R:Old  $\frac{YES}{NO}$  New, S:Old  $\frac{YES}{NO}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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Fig.3. MOUNTING FLANGE & OIL SUMP

### 3. MOUNTING FLANGE & OIL SUMP

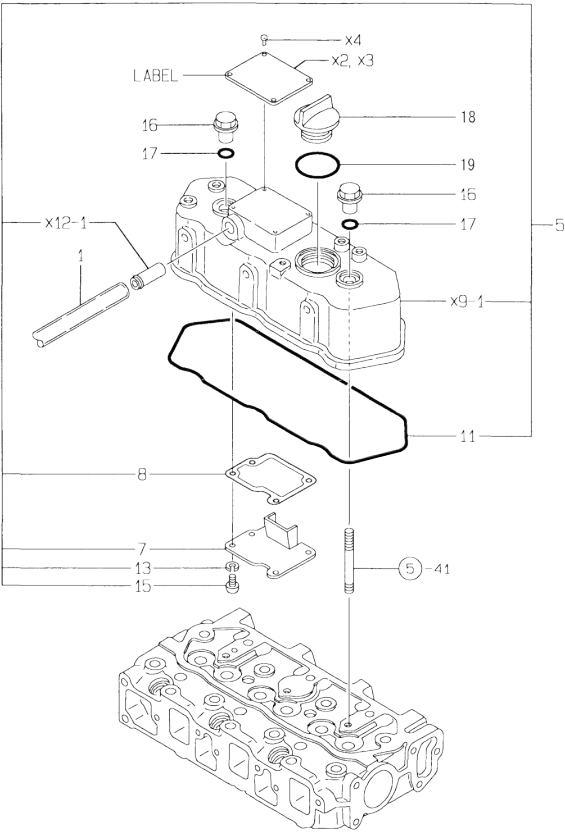


| No. | Lev. | Parts No.     | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|------|---------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |               |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 129100-01580  | PIN, M8X16           | 2    |     |     |     |     |     |   |   |
| 2   | 1    | 119600-01600  | HOUSING, FLYWHEEL    | 1    |     |     |     |     |     |   |   |
| 3   | 1    | 121120-01620  | BOLT, M10X28         | 3    |     |     |     |     |     |   |   |
| 4   | 1    | 119620-01750  | CAP                  | 1    |     |     |     |     |     |   |   |
| 5   | 1    | 26206-100252  | BOLT, M10X 25 PLATED | 6    |     |     |     |     |     |   |   |
| 6   | 1    | 119620-01620  | PIN, M6X10           | 2    |     |     |     |     |     |   |   |
| 7   | 1    | 119660-01640  | CASE ASSY, OIL SEAL  | 1    |     |     |     |     |     |   |   |
| 9   | 2    | 124085-02220  | SEAL, OIL            | 1    |     |     |     |     |     |   |   |
| 10  | 1    | 26106-060222  | BOLT, M6X 22 PLATED  | 10   |     |     |     |     |     |   |   |
| 11  | 1    | 1719631-01540 | SUMP ASSY, OIL       | 1    |     |     |     |     |     |   |   |
| 12  | 2    | 171301-01640  | PLUG, 22             | 1    |     |     |     |     |     |   |   |
| 14  | 2    | 24341-000240  | O-RING, 1AS24.0      | 1    |     |     |     |     |     |   |   |
| 15  | 1    | 119600-01722  | SPACER, OIL SUMP     | 1    |     |     |     |     |     |   |   |
| 17  | 1    | 26106-060122  | BOLT, M6X 12 PLATED  | 3    |     |     |     |     |     |   |   |
| 18  | 1    | 26106-060452  | BOLT, M6X 45 PLATED  | 20   |     |     |     |     |     |   |   |

N:Old  $\frac{\text{Yes}}{\text{No}}$  New. Q:Old  $\frac{\text{No}}{\text{Yes}}$  New. R:Old  $\frac{\text{Yes}}{\text{Yes}}$  New. S:Old  $\frac{\text{No}}{\text{No}}$  New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change

Fig.4. BONNET

4. BONNET



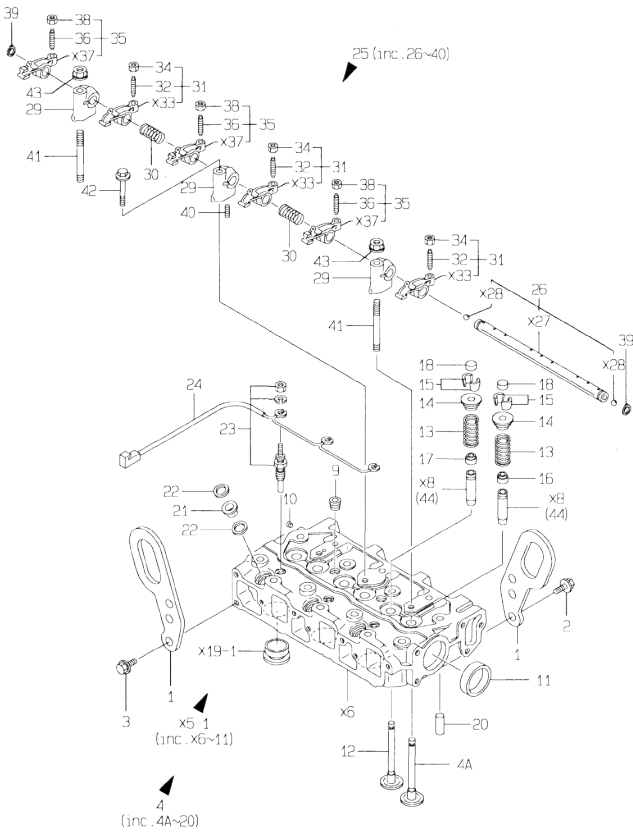
| No. | Lev. | Parts No.    | Description       | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|-------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                   | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 23065-120500 | PIPE, 12X 500     | 1    |     |     |     |     |     |   |   |
| 5   | 1    | 119620-11330 | BONNET ASSY, HEAD | 1    |     |     |     |     |     |   |   |
| 7   | 2    | 119620-03020 | PLATE, SHELTER    | 1    |     |     |     |     |     |   |   |
| 8   | 2    | 119620-03031 | GASKET            | 1    |     |     |     |     |     |   |   |
| 9   | 2    | 119620-11300 | BONNET            | 1    |     |     |     |     |     |   | M |
| 11  | 2    | 119620-11310 | GASKET, BONNET    | 1    |     |     |     |     |     |   |   |
| 12  | 2    | 119620-11390 | JOINT             | 1    |     |     |     |     |     |   | M |
| 13  | 2    | 22217-050000 | WASHER, SPRING 5  | 4    |     |     |     |     |     |   |   |
| 15  | 2    | 26557-050102 | SCREW, M5X10      | 4    |     |     |     |     |     |   |   |
| 16  | 1    | 124160-11360 | KNOB              | 2    |     |     |     |     |     |   |   |
| 17  | 1    | 24311-000120 | O-RING, 1AP12.0   | 2    |     |     |     |     |     |   |   |
| 18  | 1    | 124160-01751 | COVER, FILLER     | 1    |     |     |     |     |     |   |   |
| 19  | 1    | 24311-000320 | O-RING, 1AP32.0   | 1    |     |     |     |     |     |   |   |

Remarks  
(M) MISPRINT.  
(1) NOT SOLD SEPARATELY.

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Fig.5. CYLINDER HEAD

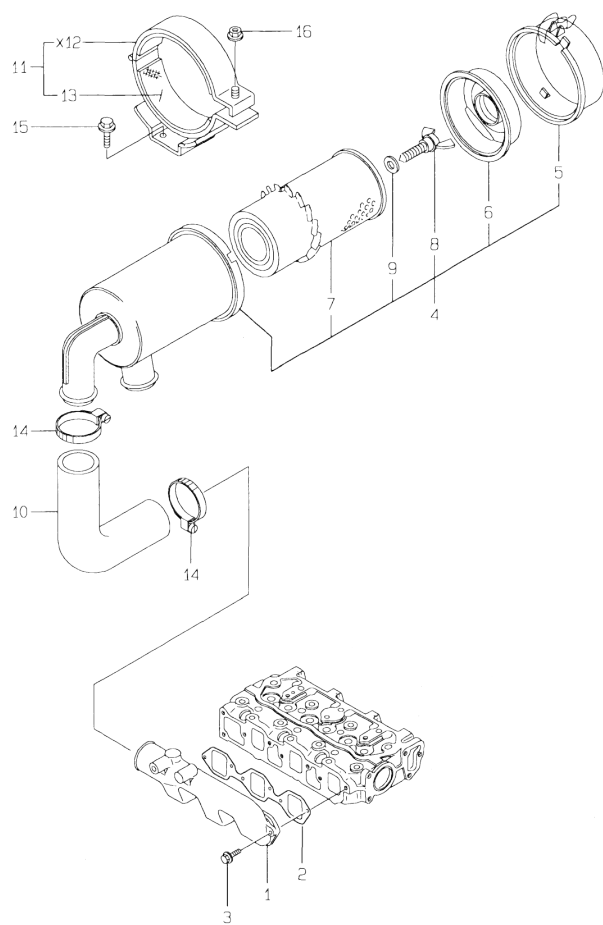
5. CYLINDER HEAD



Remarks  
(1)REPAIR PART.  
(M)MISPRINT.  
(2)NOT SOLD SEPARATELY.

| No.          | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|--------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|              |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1            | 1    | 119260-07900 | LIFTER               | 2    |     |     |     |     |     |   |   |
| 2            | 1    | 26106-080142 | BOLT, M8X 14 PLATED  | 1    |     |     |     |     |     |   |   |
| 3            | 1    | 26106-080142 | BOLT, M8X 14 PLATED  | 2    |     |     |     |     |     |   |   |
| 4            | 1    | 719660-11700 | HEAD ASSY, CYLINDER  | 1    |     |     |     |     |     | W |   |
| (A=FROM 1ST) |      |              |                      |      |     |     |     |     |     |   |   |
| 4A           | 2    | 119620-11100 | VALVE, INTAKE        | 3    |     |     |     |     |     |   |   |
| 5            | 2    | 119660-11100 | HEAD ASSY, CYLINDER  | 1    |     |     |     |     |     |   | M |
| 9            | 3    | 121850-11860 | PLUG, PT1/4          | 2    |     |     |     |     |     |   |   |
| 10           | 3    | 27221-050080 | PLUG, 5X 8           | 1    |     |     |     |     |     |   |   |
| 11           | 3    | 27241-400000 | PLUG, 40             | 2    |     |     |     |     |     |   |   |
| 12           | 2    | 119620-11110 | VALVE, EXHAUST       | 3    |     |     |     |     |     |   |   |
| 13           | 2    | 119620-11120 | SPRING, VALVE        | 6    |     |     |     |     |     |   |   |
| 14           | 2    | 119620-11180 | RETAINER, SPRING     | 6    |     |     |     |     |     |   |   |
| 15           | 2    | 101158-11190 | COTTER               | 6    |     |     |     |     |     |   |   |
| 15-1         | 2    | 27310-070001 | COTTER, 7            | 6    |     |     |     |     |     | N |   |
| (A=EXXXXX)   |      |              |                      |      |     |     |     |     |     |   |   |
| 16           | 2    | 124160-11340 | SEAL, VALVE STEM     | 3    |     |     |     |     |     |   |   |
| 17           | 2    | 124950-11340 | SEAL, VALVE STEM     | 3    |     |     |     |     |     |   |   |
| 18           | 2    | 104211-11370 | CAP, VALVE           | 6    |     |     |     |     |     |   | M |
| 19           | 2    | 119656-11410 | PLUG, HOT            | 3    |     |     |     |     |     |   |   |
| 20           | 2    | 22351-060012 | PIN, SPRING 6.0X12   | 2    |     |     |     |     |     |   |   |
| 21           | 1    | 119600-11450 | PROTECTOR, NOZZLE    | 3    |     |     |     |     |     |   |   |
| 22           | 1    | 119600-11460 | GASKET, NOZZLE       | 6    |     |     |     |     |     |   |   |
| 23           | 1    | 129795-77800 | PLUG, GLOW           | 3    |     |     |     |     |     |   |   |
| 24           | 1    | 119620-77820 | CONNECTOR, GLOW PLUG | 1    |     |     |     |     |     |   |   |
| 25           | 1    | 119620-11200 | SUPPORT ASSY, ARM    | 1    |     |     |     |     |     |   |   |
| 26           | 2    | 119620-11240 | SHAFT ASSY, ROCKER   | 1    |     |     |     |     |     |   |   |
| 29           | 2    | 119620-11260 | SUPPORT, ROCKER ARM  | 3    |     |     |     |     |     |   |   |
| 30           | 2    | 119620-11280 | SPRING               | 2    |     |     |     |     |     |   |   |
| 31           | 2    | 719620-11650 | ARM ASSY, ROCKER     | 3    |     |     |     |     |     |   |   |
| 32           | 3    | 105010-11230 | SCREW, VALVE ADJUST  | 3    |     |     |     |     |     |   |   |
| 34           | 3    | 26756-060002 | NUT, LOCK M6         | 3    |     |     |     |     |     |   |   |
| 35           | 2    | 719620-11660 | ARM ASSY, ROCKER     | 3    |     |     |     |     |     |   |   |
| 36           | 3    | 105010-11230 | SCREW, VALVE ADJUST  | 3    |     |     |     |     |     |   |   |
| 38           | 3    | 26756-060002 | NUT, LOCK M6         | 3    |     |     |     |     |     |   |   |
| 39           | 2    | 22242-000120 | RING, 12             | 2    |     |     |     |     |     |   |   |
| 40           | 2    | 26979-050162 | SCREW, M5X16         | 1    |     |     |     |     |     |   |   |
| 41           | 1    | 119620-11350 | STUD                 | 2    |     |     |     |     |     |   |   |
| 42           | 1    | 26106-080452 | BOLT, M8X 45 PLATED  | 1    |     |     |     |     |     |   |   |
| 43           | 1    | 26366-080002 | NUT, M8              | 2    |     |     |     |     |     |   |   |
| 44           | 1    | 119620-11801 | GUIDE, VALVE         | 6    |     |     |     |     |     |   | 1 |

## 6.SUC.MANIFOLD & AIR CLEANER

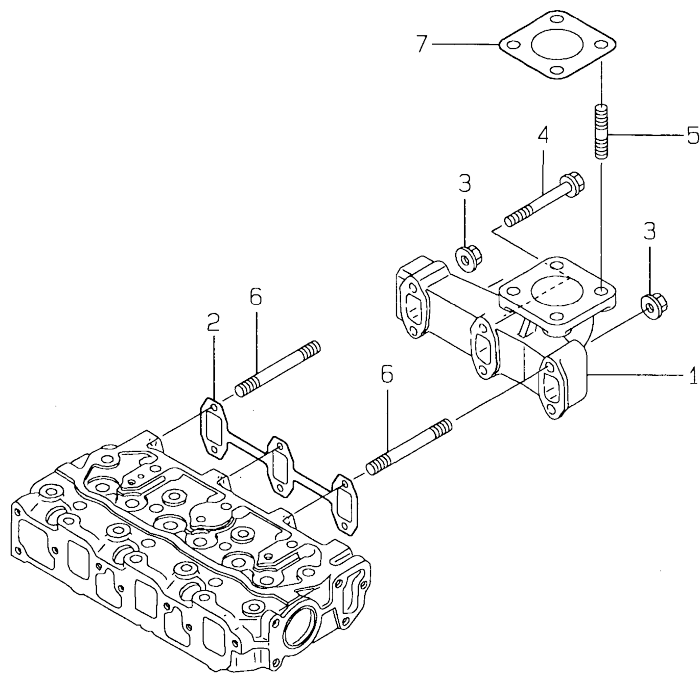


|     |      |              |                      | (A)=3TNA72E-NC |     |     |     | (D)= |     |  |  | I | R |
|-----|------|--------------|----------------------|----------------|-----|-----|-----|------|-----|--|--|---|---|
|     |      |              |                      | (B)=           |     |     |     | (E)= |     |  |  |   |   |
|     |      |              |                      | (C)=           |     |     |     | (F)= |     |  |  |   |   |
| No. | Lev. | Parts No.    | Description          | Q'ty           |     |     |     |      |     |  |  |   |   |
|     |      |              |                      | (A)            | (B) | (C) | (D) | (E)  | (F) |  |  |   |   |
| 1   | 1    | 119645-12100 | MANIFOLD, AIR INTAKE | 1              |     |     |     |      |     |  |  |   |   |
| 2   | 1    | 119620-12111 | GASKET, MANIFOLD     | 1              |     |     |     |      |     |  |  |   |   |
| 3   | 1    | 26106-060202 | BOLT, M&X 20 PLATED  | 6              |     |     |     |      |     |  |  |   |   |
| 4   | 1    | 119632-12501 | CLEANER ASSY, AIR    | 1              |     |     |     |      |     |  |  |   |   |
| 5   | 2    | 121024-12660 | PAN ASSY, DUST       | 1              |     |     |     |      |     |  |  |   |   |
| 6   | 2    | 121465-12700 | RETAINER, ELEMENT    | 1              |     |     |     |      |     |  |  |   |   |
| 7   | 2    | 121465-12510 | ELEMENT              | 1              |     |     |     |      |     |  |  |   |   |
| 8   | 2    | 124064-12680 | BOLT                 | 1              |     |     |     |      |     |  |  |   |   |
| 9   | 2    | 124064-12690 | WASHER               | 1              |     |     |     |      |     |  |  |   |   |
| 10  | 1    | 119632-12551 | PIPE, AIR INTAKE     | 1              |     |     |     |      |     |  |  |   |   |
| 11  | 1    | 119632-12590 | SUPPORT ASSY,CLEANER | 1              |     |     |     |      |     |  |  |   |   |
| 13  | 2    | 119640-12580 | SEAT, RUBBER         | 2              |     |     |     |      |     |  |  |   |   |
| 14  | 1    | 23000-060000 | CLAMP, 60            | 2              |     |     |     |      |     |  |  |   |   |
| 15  | 1    | 26014-080202 | BOLT, M&X 20         | 4              |     |     |     |      |     |  |  |   |   |
| 16  | 1    | 26366-080002 | NUT, M8              | 1              |     |     |     |      |     |  |  |   |   |

N:Old  $\frac{\text{Yes}}{\text{No}}$  New. Q:Old  $\frac{\text{No}}{\text{Yes}}$  New. R:Old  $\frac{\text{Yes}}{\text{Yes}}$  New. S:Old  $\frac{\text{No}}{\text{No}}$  New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change

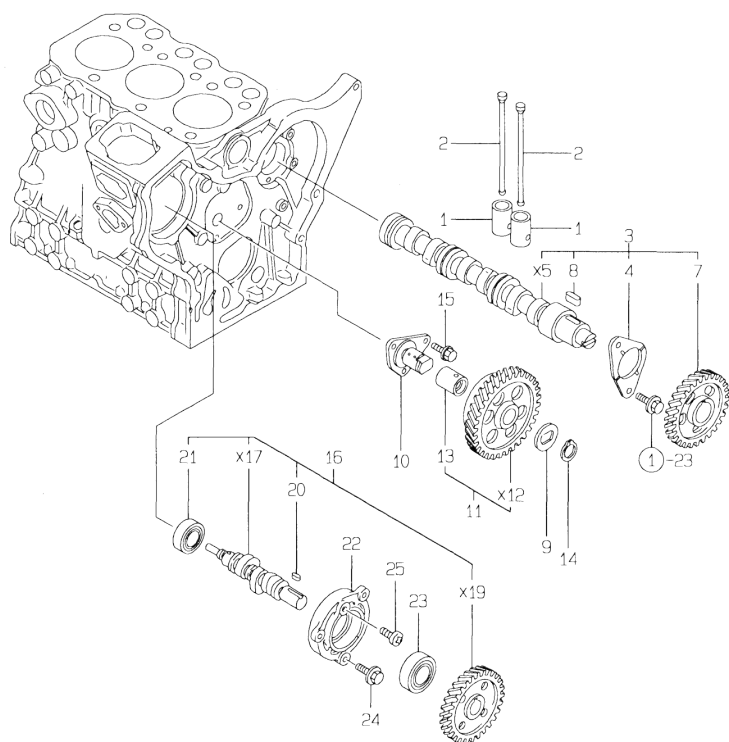
Fig.7. EXHAUST MANIFOLD

7.EXHAUST MANIFOLD



| No. | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R |
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|     |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 119631-13101 | MANIFOLD, EXHAUST   | 1    |     |     |     |     |     |   |   |
| 2   | 1    | 119620-13110 | GASKET              | 1    |     |     |     |     |     |   |   |
| 3   | 1    | 194990-22050 | NUT, M8             | 2    |     |     |     |     |     |   |   |
| 4   | 1    | 26106-080402 | BOLT, M8X 40 PLATED | 4    |     |     |     |     |     |   |   |
| 5   | 1    | 26216-080222 | STUD, M8X 22        | 4    |     |     |     |     |     |   |   |
| 6   | 1    | 26216-080552 | STUD, M8X 55        | 2    |     |     |     |     |     |   |   |
| 7   | 1    | 124701-11911 | GASKET, SILENCER    | 1    |     |     |     |     |     |   |   |
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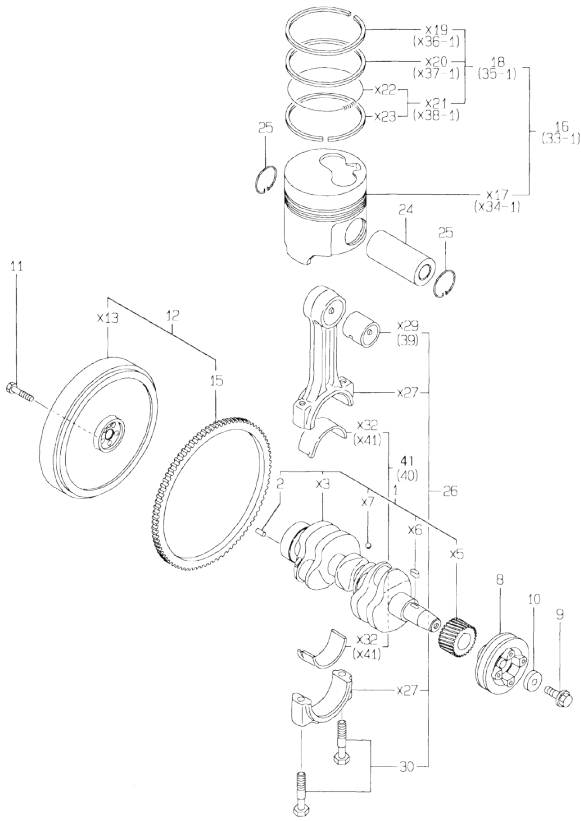
### 8. CAMSHAFT & DRIVE GEAR



| No. | Lev. | Parts No.    | Description         | (A) | (B) | (C) | (D) | (E) | (F) | I | R |
|-----|------|--------------|---------------------|-----|-----|-----|-----|-----|-----|---|---|
| 1   | 1    | 119620-14200 | TAPPET              | 6   |     |     |     |     |     |   |   |
| 2   | 1    | 119620-14400 | ROD, PUSH           | 6   |     |     |     |     |     |   |   |
| 3   | 1    | 119629-14580 | CAMSHAFT ASSY       | 1   |     |     |     |     |     |   |   |
| 4   | 2    | 119620-02450 | BEARING, THRUST     | 1   |     |     |     |     |     |   |   |
| 7   | 2    | 119620-14100 | GEAR, CAMSHAFT      | 1   |     |     |     |     |     |   |   |
| 8   | 2    | 22512-040120 | KEY, 4X 12          | 1   |     |     |     |     |     |   |   |
| 9   | 1    | 119660-25022 | RETAINER            | 1   |     |     |     |     |     |   |   |
| 10  | 1    | 119660-25052 | SHAFT, IDLE         | 1   |     |     |     |     |     |   |   |
| 11  | 1    | 119620-25102 | GEAR ASSY, IDLE     | 1   |     |     |     |     |     |   |   |
| 13  | 2    | 119620-25062 | BUSH, IDLE GEAR     | 1   |     |     |     |     |     |   |   |
| 14  | 1    | 22242-000200 | RING, 20            | 1   |     |     |     |     |     |   |   |
| 15  | 1    | 26106-060122 | BOLT, M6X 12 PLATED | 3   |     |     |     |     |     |   |   |
| 16  | 1    | 719660-14590 | CAMSHAFT            | 1   |     |     |     |     |     |   |   |
| 20  | 2    | 22512-040120 | KEY, 4X 12          | 1   |     |     |     |     |     |   |   |
| 21  | 2    | 24102-063034 | BEARING, BALL 6303U | 1   |     |     |     |     |     |   |   |
| 22  | 1    | 119660-01821 | BEARING, FUEL CAM   | 1   |     |     |     |     |     |   |   |
| 23  | 1    | 24101-062034 | BEARING, BALL 6203  | 1   |     |     |     |     |     |   |   |
| 24  | 1    | 26106-060162 | BOLT, M6X 16 PLATED | 3   |     |     |     |     |     |   |   |
| 25  | 1    | 26587-080102 | SCREW, M8X10        | 1   |     |     |     |     |     |   |   |

Fig.9. CRANKSHAFT & PISTON

9.CRANKSHAFT & PISTON

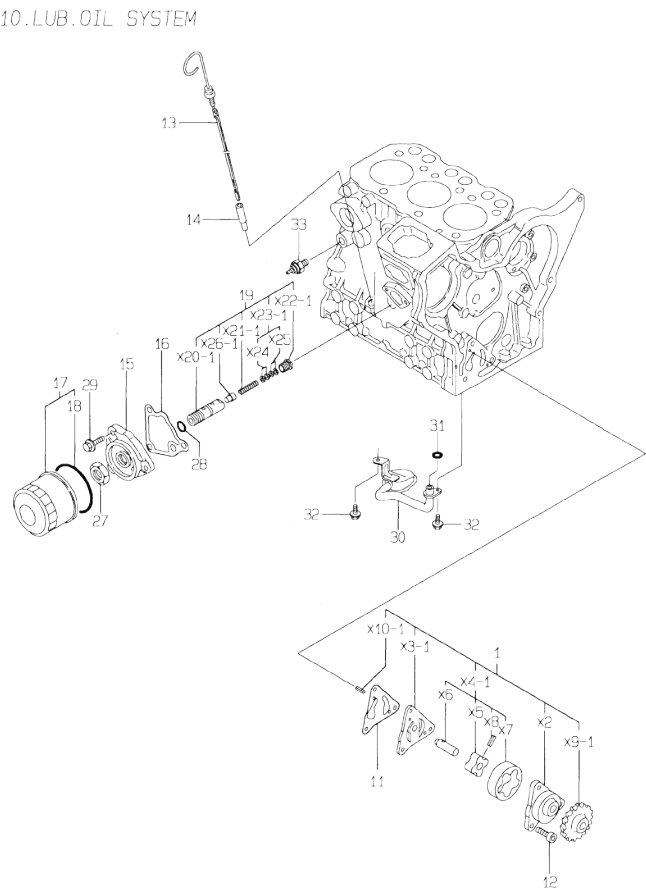


| No.  | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 719660-21700 | CRANKSHAFT ASSY      | 1    |     |     |     |     |     |   |   |
| 2    | 2    | 129100-01580 | PIN, M8X16           | 1    |     |     |     |     |     |   |   |
| 8    | 1    | 119660-21651 | V-PULLEY             | 1    |     |     |     |     |     |   |   |
| 9    | 1    | 119621-21680 | BOLT, FLANGE 12X1.25 | 1    |     |     |     |     |     |   |   |
| 10   | 1    | 119620-21941 | WASHER               | 1    |     |     |     |     |     |   |   |
| 11   | 1    | 121111-21501 | BOLT, FLYWHEEL       | 5    |     |     |     |     |     |   |   |
| 12   | 1    | 119600-21580 | FLYWHEEL ASSY        | 1    |     |     |     |     |     |   |   |
| 15   | 2    | 119865-21600 | GEAR, RING           | 1    |     |     |     |     |     |   |   |
| 16   | 1    | 119620-22090 | PISTON ASSY          | 3    |     |     |     |     |     |   |   |
| 18   | 2    | 719620-22500 | RING SET, PISTON     | 3    |     |     |     |     |     |   |   |
| 24   | 1    | 119620-22300 | PIN, PISTON          | 3    |     |     |     |     |     |   |   |
| 25   | 1    | 22252-000210 | RING, 21             | 6    |     |     |     |     |     |   |   |
| 26   | 1    | 719620-23100 | ROD ASSY, CONNECTING | 3    |     |     |     |     |     |   |   |
| 30   | 2    | 105225-23200 | BOLT, CONNECTING ROD | 6    |     |     |     |     |     |   |   |
| 33   | 1    | 719600-22820 | PISTON ASSY, 0.25 OS | 3    |     |     |     |     |     |   | M |
| 33-1 | 1    | 119620-22900 | PISTON ASSY, 0.25 OS | 3    |     |     |     |     |     |   | 1 |
| 35   | 2    | 719600-22540 | RING SET, 0.25 OS    | 3    |     |     |     |     |     |   | M |
| 35-1 | 2    | 119620-22950 | RING SET, 0.25 OS    | 3    |     |     |     |     |     |   | 1 |
| 39   | 1    | 119620-23910 | BEARING, PISTON PIN  | 3    |     |     |     |     |     |   | 2 |
| 40   | 1    | 719620-23610 | BEARING ASSY, 0.25   | 3    |     |     |     |     |     |   | 3 |
| 41   | 1    | 719620-23600 | BEARING, CRANK PIN   | 3    |     |     |     |     |     |   |   |

Remarks  
(1) OVERSIZED(O.S=0.25) PART.  
(2) REPAIR PART.  
(3) UNDERSIZED(U.S=0.25) PART.  
(M) MISPRINT.

OCV10-M12101

Fig.10. LUB. OIL SYSTEM



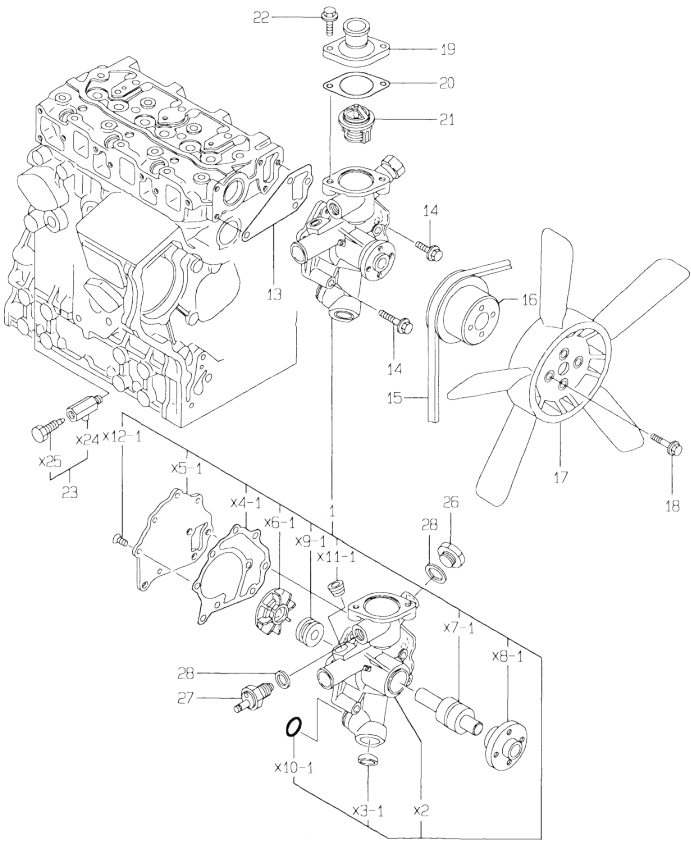
Remarks  
(M) MISPRINT.  
(1) NOT SOLD SEPARATELY.

| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 119660-32001 | PUMP ASSY, OIL       | 1    |     |     |     |     |     |   |   |
| 3   | 2    | 119660-32080 | COVER                | 1    |     |     |     |     |     |   | M |
| 4   | 2    | 119660-32150 | ROTOR ASSY           | 1    |     |     |     |     |     |   | M |
| 9   | 2    | 119660-32200 | GEAR, OIL PUMP       | 1    |     |     |     |     |     |   | M |
| 10  | 2    | 22351-040014 | PIN, SPRING 4.0X14   | 2    |     |     |     |     |     |   | M |
| 11  | 1    | 119660-32020 | GASKET, PUMP         | 1    |     |     |     |     |     |   |   |
| 12  | 1    | 26450-060202 | BOLT, M6X 20         | 3    |     |     |     |     |     |   |   |
| 13  | 1    | 119600-34800 | DIPSTICK, OIL        | 1    |     |     |     |     |     |   |   |
| 14  | 1    | 121520-34810 | GUIDE, DIPSTICK      | 1    |     |     |     |     |     |   |   |
| 15  | 1    | 119660-35102 | BRACKET, FILTER      | 1    |     |     |     |     |     |   |   |
| 16  | 1    | 119660-35113 | GASKET               | 1    |     |     |     |     |     |   |   |
| 17  | 1    | 119660-35150 | FILTER, LUB. OIL     | 1    |     |     |     |     |     |   |   |
| 18  | 2    | 124450-35110 | O-RING               | 1    |     |     |     |     |     |   |   |
| 19  | 1    | 119660-35300 | VALVE ASSY, CONTROL  | 1    |     |     |     |     |     |   |   |
| 20  | 2    | 119660-35310 | BODY                 | 1    |     |     |     |     |     |   | M |
| 21  | 2    | 119865-35320 | SPRING               | 1    |     |     |     |     |     |   | M |
| 22  | 2    | 119865-35330 | RETAINER             | 1    |     |     |     |     |     |   | M |
| 23  | 2    | 129150-35340 | SHIM SET             | 1    |     |     |     |     |     |   | M |
| 26  | 2    | 119865-35350 | VALVE, CONTROL       | 1    |     |     |     |     |     |   | M |
| 27  | 1    | 129150-35350 | NUT                  | 1    |     |     |     |     |     |   |   |
| 28  | 1    | 24311-000160 | O-RING, 1AP16.0      | 1    |     |     |     |     |     |   |   |
| 29  | 1    | 26106-080202 | BOLT, M8X 20 PLATED  | 3    |     |     |     |     |     |   |   |
| 30  | 1    | 119600-35081 | PIPE ASSY, OIL INLET | 1    |     |     |     |     |     |   |   |
| 31  | 1    | 24311-000120 | O-RING, 1AP12.0      | 1    |     |     |     |     |     |   |   |
| 32  | 1    | 26106-060102 | BOLT, M6X 10 PLATED  | 2    |     |     |     |     |     |   |   |
| 33  | 1    | 124160-39450 | SWITCH, 0.5KG        | 1    |     |     |     |     |     |   |   |

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Fig.11. COOLING WATER PUMP

11.COOLING WATER PUMP



Remarks  
(M) MISPRINT.  
(1) NOT SOLD SEPARATELY.

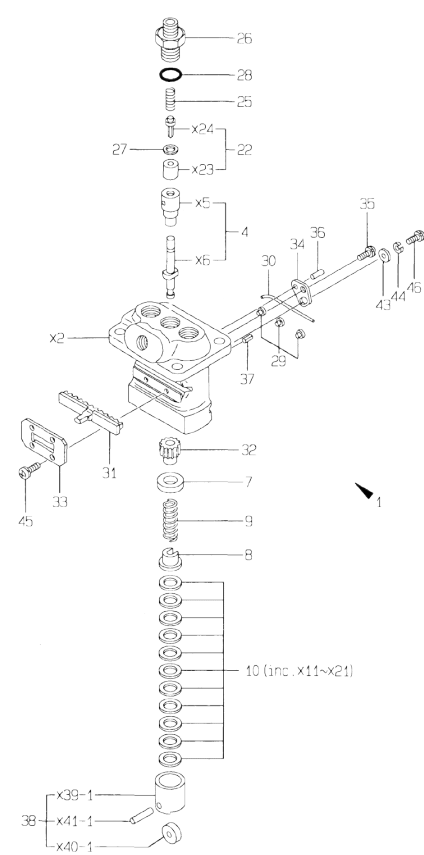
| No. | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 119660-42004 | PUMP ASSY, WATER    | 1    |     |     |     |     |     |   |   |
| 3   | 2    | 119620-42040 | PLUG                | 1    |     |     |     |     |     |   | M |
| 4   | 2    | 119660-42052 | GASKET, WATER PUMP  | 1    |     |     |     |     |     |   | M |
| 5   | 2    | 119660-42121 | PLATE               | 1    |     |     |     |     |     |   | M |
| 6   | 2    | 119620-42200 | IMPELLER            | 1    |     |     |     |     |     |   | M |
| 7   | 2    | 119660-42240 | BEARING, SHAFT      | 1    |     |     |     |     |     |   | M |
| 8   | 2    | 119660-42260 | FLANGE, V-PULLEY    | 1    |     |     |     |     |     |   | M |
| 9   | 2    | 119660-42310 | SEAL, MECHANICAL    | 1    |     |     |     |     |     |   | M |
| 10  | 2    | 119620-42320 | O-RING              | 1    |     |     |     |     |     |   | M |
| 11  | 2    | 23871-030000 | PLUG, R03           | 1    |     |     |     |     |     |   | M |
| 12  | 2    | 26577-060122 | SCREW, M6X12        | 5    |     |     |     |     |     |   | M |
| 13  | 1    | 119620-42020 | GASKET, WATER PUMP  | 1    |     |     |     |     |     |   |   |
| 14  | 1    | 26106-080452 | BOLT, M8X 45 PLATED | 4    |     |     |     |     |     |   |   |
| 15  | 1    | 119656-42290 | V-BELT, FM35.5      | 1    |     |     |     |     |     |   |   |
| 16  | 1    | 119660-42350 | V-PULLEY            | 1    |     |     |     |     |     |   |   |
| 17  | 1    | 124700-44740 | FAN, COOLING 5X310  | 1    |     |     |     |     |     |   |   |
| 18  | 1    | 26014-060162 | BOLT, M6X 16        | 4    |     |     |     |     |     |   |   |
| 19  | 1    | 129350-49530 | COVER, THERMOSTAT   | 1    |     |     |     |     |     |   |   |
| 20  | 1    | 129350-49541 | GASKET              | 1    |     |     |     |     |     |   |   |
| 21  | 1    | 129350-49800 | THERMOSTAT, 71      | 1    |     |     |     |     |     |   |   |
| 22  | 1    | 26106-080202 | BOLT, M8X 20 PLATED | 2    |     |     |     |     |     |   |   |
| 23  | 1    | 119620-49290 | COCK ASSY, 1/4      | 1    |     |     |     |     |     |   |   |
| 26  | 1    | 121450-42450 | PLUG, M16           | 1    |     |     |     |     |     |   |   |
| 27  | 1    | 121250-44901 | SWITCH, 110         | 1    |     |     |     |     |     |   |   |
| 28  | 1    | 124465-44950 | GASKET, 16          | 2    |     |     |     |     |     |   |   |

N:Old  $\frac{YES}{NO}$  New, Q:Old  $\frac{YES}{NO}$  New, R:Old  $\frac{YES}{NO}$  New, S:Old  $\frac{YES}{NO}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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0CV10-M12101

Fig.12. FUEL INJECTION PUMP

12.FUEL INJECTION PUMP

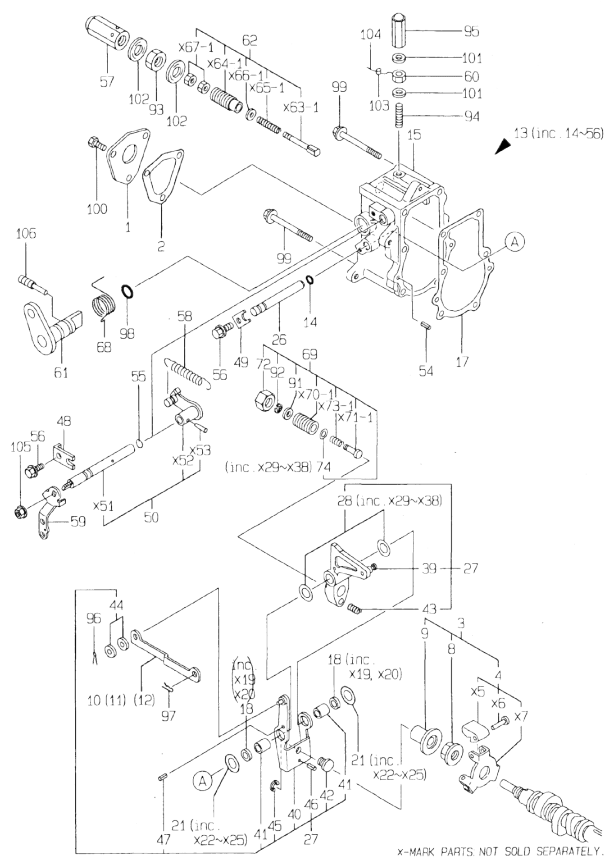


| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 719621-51100 | PUMP ASSY, INJECTION | 1    |     |     |     |     |     |   |   |
| 4   | 2    | 119620-51101 | PLUNGER ASSY         | 3    |     |     |     |     |     |   |   |
| 7   | 2    | 119620-51170 | RETAINER, SPRING A   | 3    |     |     |     |     |     |   |   |
| 8   | 2    | 119620-51180 | RETAINER, SPRING B   | 3    |     |     |     |     |     |   |   |
| 9   | 2    | 119620-51190 | SPRING, PLUNGER      | 3    |     |     |     |     |     |   |   |
| 10  | 2    | 119620-51250 | SHIM SET             | 3    |     |     |     |     |     |   |   |
| 22  | 2    | 119620-51300 | VALVE ASSY, DELIVERY | 3    |     |     |     |     |     |   |   |
| 25  | 2    | 105546-51330 | SPRING, DELIVERY     | 3    |     |     |     |     |     |   |   |
| 26  | 2    | 119620-51340 | HOLDER, DELIVERY     | 3    |     |     |     |     |     |   |   |
| 27  | 2    | 119620-51350 | GASKET               | 3    |     |     |     |     |     |   |   |
| 28  | 2    | 119620-51370 | O-RING               | 3    |     |     |     |     |     |   |   |
| 29  | 2    | 119620-51450 | PIECE                | 3    |     |     |     |     |     |   |   |
| 30  | 2    | 119620-51461 | PIN                  | 1    |     |     |     |     |     |   |   |
| 31  | 2    | 119660-51500 | RACK, CONTROL        | 1    |     |     |     |     |     |   |   |
| 32  | 2    | 119620-51510 | PINION               | 3    |     |     |     |     |     |   |   |
| 33  | 2    | 119660-51530 | RETAINER, RACK       | 1    |     |     |     |     |     |   |   |
| 34  | 2    | 119620-51650 | PLATE                | 2    |     |     |     |     |     |   |   |
| 35  | 2    | 119620-51660 | SCREW                | 2    |     |     |     |     |     |   |   |
| 36  | 2    | 119620-51670 | PIN                  | 2    |     |     |     |     |     |   |   |
| 37  | 2    | 119620-51680 | PIN                  | 1    |     |     |     |     |     |   |   |
| 38  | 2    | 119620-51700 | TAPPET ASSY          | 3    |     |     |     |     |     |   |   |
| 39  | 3    | 119620-51200 | TAPPET               | 3    |     |     |     |     |     |   | M |
| 40  | 3    | 119620-51220 | ROLLER               | 3    |     |     |     |     |     |   | M |
| 41  | 3    | 119620-51230 | PIN, ROLLER          | 3    |     |     |     |     |     |   | M |
| 43  | 2    | 22137-040000 | WASHER, 4            | 2    |     |     |     |     |     |   |   |
| 44  | 2    | 22217-040000 | WASHER, SPRING 4     | 2    |     |     |     |     |     |   |   |
| 45  | 2    | 26022-040082 | SCREW, M4X 8         | 4    |     |     |     |     |     |   |   |
| 46  | 2    | 26587-040102 | SCREW, M4X10         | 2    |     |     |     |     |     |   |   |

Remarks  
(M) MISPRINT.  
(1) NOT SOLD SEPARATELY.

N:Old  $\frac{YES}{NO}$  New, Q:Old  $\frac{YES}{NO}$  New, R:Old  $\frac{YES}{NO}$  New, S:Old  $\frac{YES}{NO}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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### 13. GOVERNOR



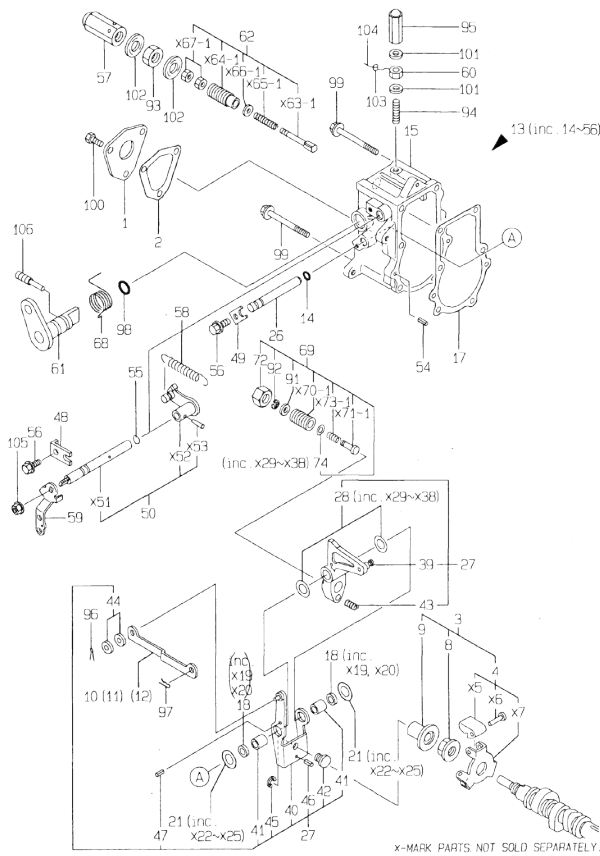
X-MARK PARTS: NOT SOLD SEPARATELY.

|              |      |              |                      | (A)=3TNA72E-NC |     |     |     |     |     |  | (D)= |   |
|--------------|------|--------------|----------------------|----------------|-----|-----|-----|-----|-----|--|------|---|
|              |      |              |                      | (B)=           |     |     |     |     |     |  | (E)= |   |
|              |      |              |                      | (C)=           |     |     |     |     |     |  | (F)= |   |
| No.          | Lev. | Parts No.    | Description          | Qty            |     |     |     |     |     |  | I    | R |
|              |      |              |                      | (A)            | (B) | (C) | (D) | (E) | (F) |  |      |   |
| 1            | 1    | 119660-61060 | COVER, GOVERNOR CASE | 1              |     |     |     |     |     |  |      |   |
| 2            | 1    | 119660-61071 | GASKET               | 1              |     |     |     |     |     |  |      |   |
| 3            | 1    | 119600-61100 | DRIVE ASSY           | 1              |     |     |     |     |     |  |      |   |
| 4            | 2    | 119600-61200 | WEIGHT ASSY,GOVERNOR | 1              |     |     |     |     |     |  |      |   |
| 8            | 2    | 119660-61300 | NUT                  | 1              |     |     |     |     |     |  |      |   |
| 9            | 2    | 119660-61341 | SLEEVE               | 1              |     |     |     |     |     |  |      |   |
| 10           | 1    | 119660-61121 | LINK, NO MARK        | 1              |     |     |     |     |     |  |      |   |
| 11           | 1    | 119660-61140 | LINK, MARK :2        | 1              |     |     |     |     |     |  |      |   |
| 12           | 1    | 119660-61150 | LINK, MARK :3        | 1              |     |     |     |     |     |  |      |   |
| 13           | 1    | 119270-61200 | CASE ASSY, GOVERNOR  | 1              |     |     |     |     |     |  |      |   |
| 14           | 2    | 129155-51280 | O-RING, S6           | 1              |     |     |     |     |     |  |      |   |
| 15           | 2    | 119660-61013 | CASE, GOVERNOR       | 1              |     |     |     |     |     |  |      |   |
| 17           | 2    | 119660-61052 | GASKET               | 1              |     |     |     |     |     |  |      |   |
| 18           | 2    | 119660-61460 | SHIM SET             | 1              |     |     |     |     |     |  |      |   |
| 21           | 2    | 129155-61480 | SPACER ASSY          | 2              |     |     |     |     |     |  |      |   |
| 26           | 2    | 119660-61491 | SHAFT                | 1              |     |     |     |     |     |  |      |   |
| 27           | 2    | 119600-61500 | LEVER ASSY, GOVERNOR | 1              |     |     |     |     |     |  |      |   |
| 28           | 3    | 174307-51700 | SHIM SET             | 2              |     |     |     |     |     |  |      |   |
| 39           | 3    | 119660-61512 | LEVER, TENSION       | 1              |     |     |     |     |     |  |      |   |
| 40           | 3    | 119600-61520 | LEVER, GOVERNOR      | 1              |     |     |     |     |     |  |      |   |
| 41           | 3    | 129155-61530 | BUSH                 | 2              |     |     |     |     |     |  |      |   |
| 42           | 3    | 119600-61540 | SHIFTER              | 1              |     |     |     |     |     |  |      |   |
| 43           | 3    | 119600-61650 | SPRING, STARTING     | 1              |     |     |     |     |     |  |      |   |
| 44           | 3    | 22117-040000 | WASHER, 4            | 2              |     |     |     |     |     |  |      |   |
| 45           | 3    | 22272-000040 | RING, E- 4           | 1              |     |     |     |     |     |  |      |   |
| 46           | 3    | 22351-020004 | PIN, SPRING 2.0X 4   | 1              |     |     |     |     |     |  |      |   |
| 47           | 3    | 22351-030014 | PIN, SPRING 3.0X14   | 1              |     |     |     |     |     |  |      |   |
| 48           | 2    | 119600-61900 | RETAINER, SHAFT      | 1              |     |     |     |     |     |  |      |   |
| 49           | 2    | 119660-61901 | RETAINER, SHAFT      | 1              |     |     |     |     |     |  |      |   |
| 50           | 2    | 119621-66091 | SHAFT ASSY           | 1              |     |     |     |     |     |  |      |   |
| 54           | 2    | 22351-040010 | PIN, SPRING 4.0X10   | 2              |     |     |     |     |     |  |      |   |
| 55           | 2    | 24341-000070 | O-RING, 1A5T.0       | 1              |     |     |     |     |     |  |      |   |
| 56           | 2    | 26106-060102 | BOLT, M6X 10 PLATED  | 2              |     |     |     |     |     |  |      |   |
| 57           | 1    | 129100-61930 | NUT, CAP             | 1              |     |     |     |     |     |  |      |   |
| 58           | 1    | 119600-66020 | SPRING, REGULATOR    | 1              |     |     |     |     |     |  |      |   |
| 59           | 1    | 119621-66051 | LEVER, REGULATOR     | 1              |     |     |     |     |     |  |      |   |
| 60           | 1    | 124550-66370 | NUT, M6              | 1              |     |     |     |     |     |  |      |   |
| 61           | 1    | 119600-66521 | HANDLE, STOP         | 1              |     |     |     |     |     |  |      |   |
| 61-1         | 1    | 119643-66560 | LEVER, STOP          | 1              |     |     |     |     |     |  |      | N |
| (A=E# 55786) |      |              |                      |                |     |     |     |     |     |  |      |   |
| 62           | 1    | 119600-66530 | LIMITER ASSY, FUEL   | 1              |     |     |     |     |     |  |      |   |
| 63           | 2    | 129100-61460 | PIN                  | 1              |     |     |     |     |     |  |      | M |
| 64           | 2    | 119600-66560 | BODY, FUEL LIMITER   | 1              |     |     |     |     |     |  |      | M |
| 65           | 2    | 119600-66590 | SPRING,CONTROLLER    | 1              |     |     |     |     |     |  |      | M |
| 66           | 2    | 124950-66590 | SHIM SET             | 1              |     |     |     |     |     |  |      | M |
| 67           | 2    | 26756-050002 | NUT, LOCK M5         | 2              |     |     |     |     |     |  |      | M |
| 68           | 1    | 119600-66681 | SPRING, RETURN       | 1              |     |     |     |     |     |  |      | Z |
| (A=*)        |      |              |                      |                |     |     |     |     |     |  |      |   |
| 69           | 1    | 119600-66720 | ANGLEICH ASSY        | 1              |     |     |     |     |     |  |      |   |
| 70           | 2    | 129155-61570 | CASE                 | 1              |     |     |     |     |     |  |      |   |
| 71           | 2    | 129155-61580 | SHIFTER              | 1              |     |     |     |     |     |  |      | M |

N:Old  $\xrightarrow{\text{YES}} \text{New}$ , Q:Old  $\xrightarrow{\text{NO}} \text{New}$ , R:Old  $\xrightarrow{\text{YES}} \text{New}$ , S:Old  $\xrightarrow{\text{NO}} \text{New}$ , W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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Fig.13. GOVERNOR

13. GOVERNOR

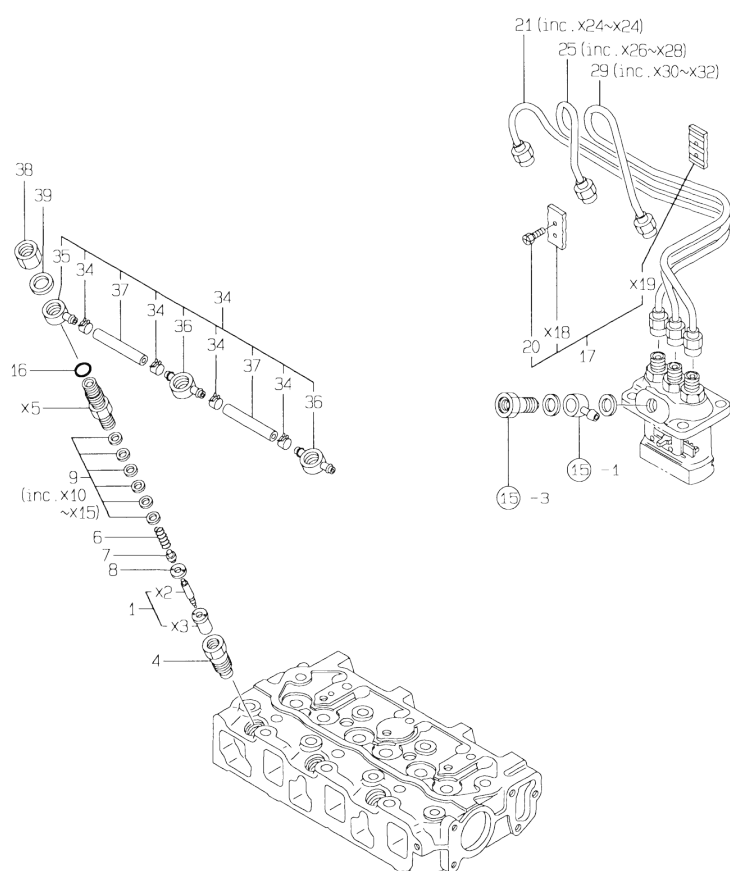


| No. | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 72  | 2    | 129155-61590 | NUT, LOCK           | 1    |     |     |     |     |     |   |   |
| 73  | 2    | 129156-61600 | SPRING, ANGLEIGH    | 1    |     |     |     |     |     |   | M |
| 74  | 2    | 129555-61800 | SHIM SET            | 1    |     |     |     |     |     |   |   |
| 91  | 2    | 22117-050000 | WASHER, 5           | 1    |     |     |     |     |     |   |   |
| 92  | 2    | 22272-000040 | RING, E- 4          | 1    |     |     |     |     |     |   |   |
| 93  | 1    | 124772-66750 | NUT, LOCK M12       | 1    |     |     |     |     |     |   |   |
| 94  | 1    | 121575-66830 | SCREW               | 1    |     |     |     |     |     |   |   |
| 95  | 1    | 119600-66840 | NUT, CAP            | 1    |     |     |     |     |     |   |   |
| 96  | 1    | 22360-040000 | PIN, SNAP 4         | 1    |     |     |     |     |     |   |   |
| 97  | 1    | 22360-060000 | PIN, SNAP 6         | 1    |     |     |     |     |     |   |   |
| 98  | 1    | 24311-240100 | O-RING, 1AP10A      | 1    |     |     |     |     |     |   |   |
| 99  | 1    | 26106-060702 | BOLT, M6X 70 PLATED | 6    |     |     |     |     |     |   |   |
| 100 | 1    | 26116-050102 | BOLT, M5X 10 PLATED | 3    |     |     |     |     |     |   |   |
| 101 | 1    | 43400-500400 | SEAL WASHER 6       | 2    |     |     |     |     |     |   |   |
| 102 | 1    | 43400-500450 | SEAL WASHER 12      | 2    |     |     |     |     |     |   |   |
| 103 | 1    | 135210-61090 | LEAD                | 1    |     |     |     |     |     |   |   |
| 104 | 1    | 22451-060000 | WIRE, 0.6           | 1    |     |     |     |     |     |   |   |
| 105 | 1    | 194990-22050 | NUT, M8             | 1    |     |     |     |     |     |   |   |
| 106 | 1    | 124250-03640 | SCREW               | 1    |     |     |     |     |     |   |   |

Remarks  
(M) MISPRINT.  
(1) NOT SOLD SEPARATELY.

Fig.14. FUEL INJECTION VALVE

#### 14.FUEL INJECTION VALVE



| No. | Lev. | Parts No.    | Description          | (A)=3TNA72E-NC<br>(B)=<br>(C)=<br>(D)=<br>(E)=<br>(F)= |     |     |     |     |     | Qty | I | R |
|-----|------|--------------|----------------------|--------------------------------------------------------|-----|-----|-----|-----|-----|-----|---|---|
|     |      |              |                      | (A)                                                    | (B) | (C) | (D) | (E) | (F) |     |   |   |
| 1   | 1    | 119620-53000 | VALVE ASSY,INJECTION | 3                                                      |     |     |     |     |     |     |   |   |
| 4   | 1    | 119620-53080 | NUT, NOZZLE          | 3                                                      |     |     |     |     |     |     |   |   |
| 6   | 1    | 119620-53120 | SPRING, NOZZLE       | 3                                                      |     |     |     |     |     |     |   |   |
| 7   | 1    | 114250-53130 | SEAT, SPRING         | 3                                                      |     |     |     |     |     |     |   |   |
| 8   | 1    | 119620-53140 | SPACER, VALVE STOP   | 3                                                      |     |     |     |     |     |     |   |   |
| 9   | 1    | 114250-53400 | SHIM SET             | 3                                                      |     |     |     |     |     |     |   |   |
| 16  | 1    | 129155-61830 | O-RING, S10          | 3                                                      |     |     |     |     |     |     |   |   |
| 17  | 1    | 129150-59120 | RETAINER, PIPE       | 1                                                      |     |     |     |     |     |     |   |   |
| 20  | 2    | 129150-59130 | BOLT, M4X12          | 2                                                      |     |     |     |     |     |     |   |   |
| 21  | 1    | 119620-59811 | PIPE ASSY, INJECTION | 1                                                      |     |     |     |     |     |     |   |   |
| 25  | 1    | 119620-59821 | PIPE ASSY, INJECTION | 1                                                      |     |     |     |     |     |     |   |   |
| 29  | 1    | 119620-59831 | PIPE ASSY, INJECTION | 1                                                      |     |     |     |     |     |     |   |   |
| 33  | 1    | 119620-59540 | PIPE ASSY, FUEL      | 1                                                      |     |     |     |     |     |     |   |   |
| 34  | 2    | 124066-59100 | CLIP, HOSE 8         | 4                                                      |     |     |     |     |     |     |   |   |
| 35  | 2    | 119260-59520 | JOINT                | 1                                                      |     |     |     |     |     |     |   |   |
| 36  | 2    | 119260-59530 | JOINT                | 2                                                      |     |     |     |     |     |     |   |   |
| 37  | 2    | 105025-59550 | PIPE, FUEL RETURN    | 2                                                      |     |     |     |     |     |     |   |   |
| 38  | 1    | 119620-59700 | NUT, NOZZLE          | 3                                                      |     |     |     |     |     |     |   |   |
| 39  | 1    | 23414-140000 | GASKET, 14X1.0       | 3                                                      |     |     |     |     |     |     |   |   |

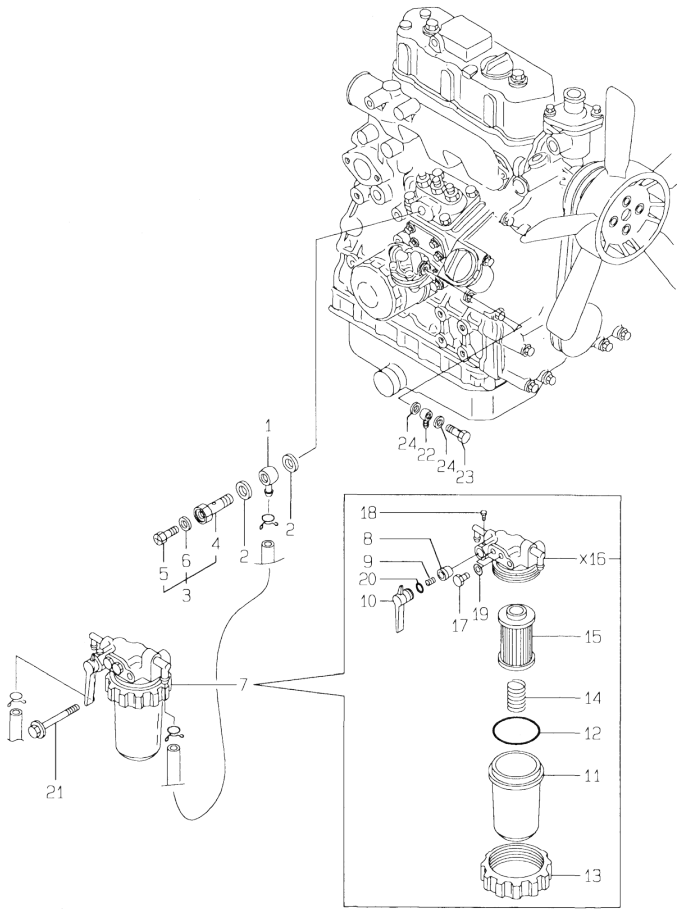
N:Old  $\xleftrightarrow[\text{No}]{\text{Yes}}$  New, Q:Old  $\xleftrightarrow[\text{Yes}]{\text{No}}$  New, R:Old  $\xleftrightarrow[\text{Yes}]{\text{No}}$  New, S:Old  $\xleftrightarrow[\text{No}]{\text{Yes}}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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OCV10-M12101

Fig.15. FUEL LINE

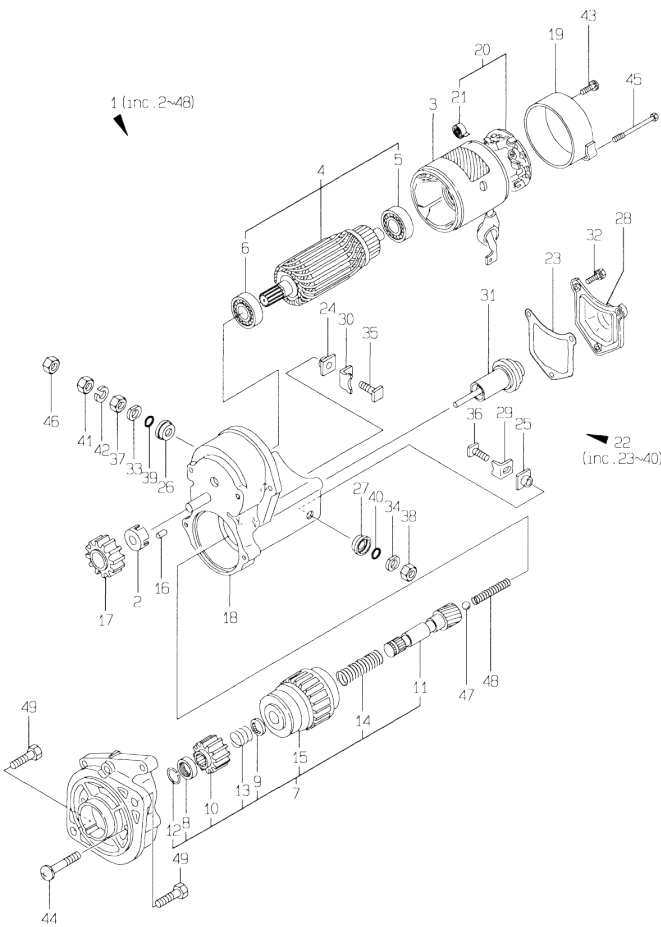
15.FUEL LINE



| No.          | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|--------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|              |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1            | 1    | 101304-59020 | JOINT, PIPE 12       | 1    |     |     |     |     |     |   |   |
| 2            | 1    | 104200-59170 | GASKET, 12           | 2    |     |     |     |     |     |   |   |
| 3            | 1    | 103854-59191 | BOLT ASSY, JOINT M12 | 1    |     |     |     |     |     |   |   |
| 4            | 2    | 103854-59201 | BOLT, PIPE JOINT M12 | 1    |     |     |     |     |     |   |   |
| 5            | 2    | 124060-59380 | PLUG, 6              | 1    |     |     |     |     |     |   |   |
| 6            | 2    | 43400-500390 | SEAL WASHER 6        | 1    |     |     |     |     |     |   |   |
| 7            | 1    | 171059-55600 | FILTER ASSY, FUEL    | 1    |     |     |     |     |     |   |   |
| 8            | 2    | 104200-55321 | VALVE, TAPER         | 1    |     |     |     |     |     |   |   |
| 9            | 2    | 104200-55330 | SPRING, VALVE        | 1    |     |     |     |     |     |   |   |
| 10           | 2    | 104200-55341 | HANDLE               | 1    |     |     |     |     |     |   |   |
| 11           | 2    | 121254-55510 | COVER                | 1    |     |     |     |     |     |   |   |
| 12           | 2    | 102103-55520 | O-RING               | 1    |     |     |     |     |     |   |   |
| 13           | 2    | 110250-55610 | RING, RETAINING      | 1    |     |     |     |     |     |   |   |
| 14           | 2    | 121250-55620 | SPRING               | 1    |     |     |     |     |     |   |   |
| 15           | 2    | 124550-55700 | FILTER, FUEL L=90    | 1    |     |     |     |     |     |   |   |
| 17           | 2    | 101720-55750 | PLUG, 6              | 2    |     |     |     |     |     |   |   |
| 18           | 2    | 104200-55750 | SCREW, M4            | 1    |     |     |     |     |     |   |   |
| 19           | 2    | 23418-060000 | GASKET, 6X1.0        | 2    |     |     |     |     |     |   |   |
| 20           | 2    | 24311-240100 | O-RING, 1AP10A       | 1    |     |     |     |     |     |   |   |
| 21           | 1    | 26116-080702 | BOLT, M8X 70 PLATED  | 1    |     |     |     |     |     |   |   |
| 22           | 1    | 104264-59030 | JOINT, PIPE 8        | 2    |     |     |     |     |     |   | W |
| (A=FROM 1ST) |      |              |                      |      |     |     |     |     |     |   |   |
| 23           | 1    | 105582-59150 | BOLT, PIPE JOINT     | 2    |     |     |     |     |     |   | W |
| (A=FROM 1ST) |      |              |                      |      |     |     |     |     |     |   |   |
| 24           | 1    | 23414-080012 | GASKET, 8X1.0        | 4    |     |     |     |     |     |   | W |
| (A=FROM 1ST) |      |              |                      |      |     |     |     |     |     |   |   |
|              |      |              |                      |      |     |     |     |     |     |   |   |
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Fig.16. STARTING MOTOR

16.STARTING MOTOR

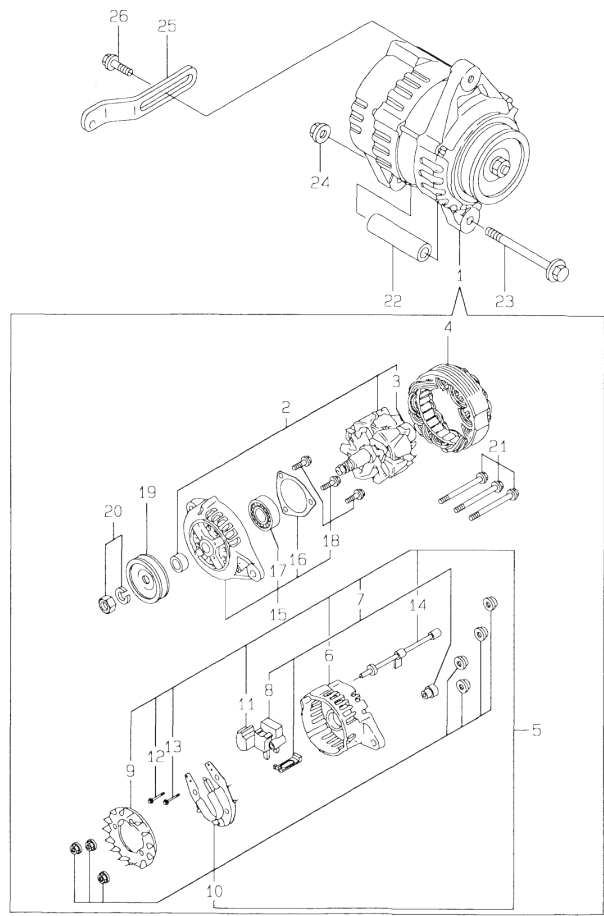


| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
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|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 119620-77011 | STARTER              | 1    |     |     |     |     |     |   |   |
| 2   | 2    | X0280630011  | RETAINER             | 1    |     |     |     |     |     |   |   |
| 3   | 2    | X0281003751  | YOKE ASSY            | 1    |     |     |     |     |     |   |   |
| 4   | 2    | X0282001531  | ARMATURE ASSY        | 1    |     |     |     |     |     |   |   |
| 5   | 3    | X9491001360  | BEARING              | 1    |     |     |     |     |     |   |   |
| 6   | 3    | X9491001860  | BALL BEARING         | 1    |     |     |     |     |     |   |   |
| 7   | 2    | X0283005050  | CLUTCH, STARTER      | 1    |     |     |     |     |     |   |   |
| 8   | 3    | X0280210230  | NUT                  | 1    |     |     |     |     |     |   |   |
| 9   | 3    | X0283270140  | RETAINER             | 1    |     |     |     |     |     |   |   |
| 10  | 3    | X0283715030  | PINION, STARTER      | 1    |     |     |     |     |     |   |   |
| 11  | 3    | X0283810040  | SHAFT                | 1    |     |     |     |     |     |   |   |
| 12  | 3    | X9490721080  | RING                 | 1    |     |     |     |     |     |   |   |
| 13  | 3    | X9491703371  | SPRING, COIL         | 1    |     |     |     |     |     |   |   |
| 14  | 3    | X9491704260  | SPRING               | 1    |     |     |     |     |     |   |   |
| 15  | 3    | 121120-77930 | CASE ASSY, STARTER   | 1    |     |     |     |     |     |   |   |
| 16  | 2    | X0283060061  | ROLLER               | 5    |     |     |     |     |     |   |   |
| 17  | 2    | X0283711420  | PINION               | 1    |     |     |     |     |     |   |   |
| 18  | 2    | X0284004910  | HOUSING, STARTER     | 1    |     |     |     |     |     |   |   |
| 19  | 2    | X0285040631  | FRAME ASSY           | 1    |     |     |     |     |     |   |   |
| 20  | 2    | X0285100460  | HOLDER ASSY, BRUSH   | 1    |     |     |     |     |     |   |   |
| 21  | 3    | X9491730461  | SPRING               | 4    |     |     |     |     |     |   |   |
| 22  | 2    | X0534006460  | SWITCH, MAGNETIC     | 1    |     |     |     |     |     |   |   |
| 23  | 3    | X0534040320  | GASKET               | 1    |     |     |     |     |     |   |   |
| 24  | 3    | X0534490120  | BUSH                 | 1    |     |     |     |     |     |   |   |
| 25  | 3    | X0534490120  | BUSH                 | 1    |     |     |     |     |     |   |   |
| 26  | 3    | X0534490230  | BUSH                 | 1    |     |     |     |     |     |   |   |
| 27  | 3    | X0534490230  | BUSH                 | 1    |     |     |     |     |     |   |   |
| 28  | 3    | X0535050620  | COVER                | 1    |     |     |     |     |     |   |   |
| 29  | 3    | X0535130241  | PLATE (B)            | 1    |     |     |     |     |     |   |   |
| 30  | 3    | X0535130320  | PLATE (A)            | 1    |     |     |     |     |     |   |   |
| 31  | 3    | X0536600401  | PLUNGER              | 1    |     |     |     |     |     |   |   |
| 32  | 3    | X9151005141  | BOLT W/WASHER        | 3    |     |     |     |     |     |   |   |
| 33  | 3    | X9490170900  | WASHER               | 1    |     |     |     |     |     |   |   |
| 34  | 3    | X9490170900  | WASHER               | 1    |     |     |     |     |     |   |   |
| 35  | 3    | X9490441303  | BOLT                 | 1    |     |     |     |     |     |   |   |
| 36  | 3    | X9490441312  | BOLT                 | 1    |     |     |     |     |     |   |   |
| 37  | 3    | X9490502820  | NUT                  | 1    |     |     |     |     |     |   |   |
| 38  | 3    | X9490502820  | NUT                  | 1    |     |     |     |     |     |   |   |
| 39  | 3    | X9491402100  | O-RING               | 1    |     |     |     |     |     |   |   |
| 40  | 3    | X9491402100  | O-RING               | 1    |     |     |     |     |     |   |   |
| 41  | 2    | X9019008651  | NUT                  | 1    |     |     |     |     |     |   |   |
| 42  | 2    | X9025808001  | WASHER               | 1    |     |     |     |     |     |   |   |
| 43  | 2    | X9490071810  | SCREW W/WASHER       | 2    |     |     |     |     |     |   |   |
| 44  | 2    | X9490071970  | SCREW W/WASHER       | 2    |     |     |     |     |     |   |   |
| 45  | 2    | X9490423330  | BOLT W/WASHER        | 2    |     |     |     |     |     |   |   |
| 46  | 2    | X9490561370  | NUT                  | 1    |     |     |     |     |     |   |   |
| 47  | 2    | X9491200240  | BALL                 | 1    |     |     |     |     |     |   |   |
| 48  | 2    | X9491703380  | SPRING               | 1    |     |     |     |     |     |   |   |
| 49  | 1    | 26116-120252 | BOLT, M12X 25 PLATED | 2    |     |     |     |     |     |   |   |

N:Old  $\frac{100}{100}$  New, Q:Old  $\frac{100}{100}$  New, R:Old  $\frac{100}{100}$  New, S:Old  $\frac{100}{100}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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Fig.17. GENERATOR

17. GENERATOR

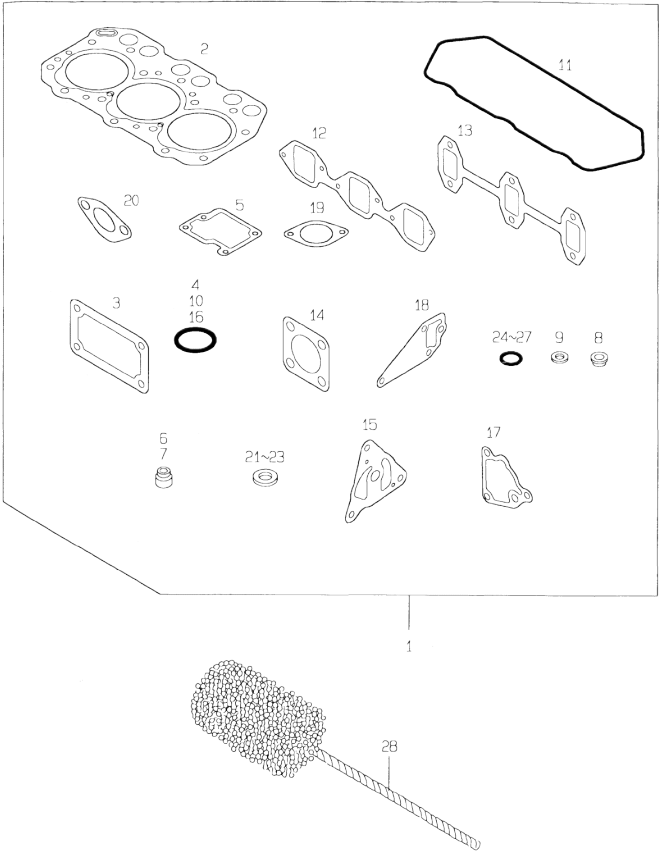


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| 1             | 1    | 119836-77200 | GENERATOR            | 1    |     |     |     |     |     |   |   |
| 2             | 2    | 119836-77700 | ROTOR ASSY           | 1    |     |     |     |     |     |   |   |
| 3             | 3    | 119836-77850 | BALL BEARING         | 1    |     |     |     |     |     |   |   |
| 4             | 2    | 119836-77710 | STARTER ASSY         | 1    |     |     |     |     |     |   |   |
| 5             | 2    | 119836-77721 | COVER ASSY, REAR     | 1    |     |     |     |     |     |   |   |
| 6             | 3    | 119836-77730 | COVER, REAR          | 1    |     |     |     |     |     |   |   |
| 7             | 3    | 119836-77741 | BRUSH ASSY,REGULATOR | 1    |     |     |     |     |     |   |   |
| 8             | 4    | 119836-77750 | BRUSH ASSY           | 1    |     |     |     |     |     |   |   |
| 9             | 3    | 119836-77760 | GUIDE, FAN SIDE      | 1    |     |     |     |     |     |   |   |
| 10            | 3    | 119836-77770 | DIODE ASSY           | 1    |     |     |     |     |     |   |   |
| 11            | 3    | 119836-77780 | CONDENSER            | 1    |     |     |     |     |     |   |   |
| 12            | 3    | 119836-77871 | BOLT (1)             | 1    |     |     |     |     |     |   |   |
| 13            | 3    | 119836-77880 | BOLT (2)             | 1    |     |     |     |     |     |   |   |
| 14            | 3    | 119836-77890 | WIRE ASSY, LEAD      | 1    |     |     |     |     |     |   |   |
| 15            | 2    | 119836-77790 | COVER ASSY, FRONT    | 1    |     |     |     |     |     |   |   |
| 16            | 3    | 119836-77800 | RETAINER, BEARING    | 1    |     |     |     |     |     |   |   |
| 17            | 3    | 119836-77840 | BALL BEARING         | 1    |     |     |     |     |     |   |   |
| 18            | 3    | 119836-77860 | SCREW KID            | 1    |     |     |     |     |     |   |   |
| 19            | 2    | 119836-77810 | PULLEY               | 1    |     |     |     |     |     |   |   |
| 20            | 2    | 119836-77820 | NUT ASSY, PULLEY     | 1    |     |     |     |     |     |   |   |
| 21            | 2    | 119836-77830 | BOLT, THROUGH        | 1    |     |     |     |     |     |   |   |
| 22            | 1    | 119621-77340 | PIECE, DISTANCE      | 1    |     |     |     |     |     |   |   |
| 23            | 1    | 26106-081052 | BOLT, M8X105 PLATED  | 1    |     |     |     |     |     |   |   |
| 24            | 1    | 26366-080002 | NUT, M8              | 1    |     |     |     |     |     |   |   |
| 25            | 1    | 119660-77330 | ADJUSTER             | 1    |     |     |     |     |     |   |   |
| 25-1          | 1    | 119621-77331 | ADJUSTER             | 1    |     |     |     |     |     |   | N |
| (A=E/# 60311) |      |              |                      |      |     |     |     |     |     |   |   |
| 26            | 1    | 26106-080182 | BOLT, M8X 18 PLATED  | 1    |     |     |     |     |     |   |   |

OCV10-M12101

Fig.18. GASKET SET(OPTIONAL)

18.GASKET SET (OPTIONAL)



Remarks  
(1)OPTIONAL PART.

| No. | Lev. | Parts No.    | Description        | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|--------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                    | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 719641-92600 | GASKET SET         | 1    |     |     |     |     |     |   | 1 |
| 2   | 2    | 119610-01340 | GASKET, HEAD       | 1    |     |     |     |     |     |   |   |
| 3   | 2    | 119660-01562 | GASKET             | 1    |     |     |     |     |     |   |   |
| 4   | 2    | 24311-000320 | O-RING, 1AP32.0    | 1    |     |     |     |     |     |   |   |
| 5   | 2    | 119620-03031 | GASKET             | 1    |     |     |     |     |     |   |   |
| 6   | 2    | 124950-11340 | SEAL, VALVE STEM   | 3    |     |     |     |     |     |   |   |
| 7   | 2    | 124160-11340 | SEAL, VALVE STEM   | 3    |     |     |     |     |     |   |   |
| 8   | 2    | 119600-11450 | PROTECTOR, NOZZLE  | 3    |     |     |     |     |     |   |   |
| 9   | 2    | 119600-11460 | GASKET, NOZZLE     | 6    |     |     |     |     |     |   |   |
| 10  | 2    | 24311-000320 | O-RING, 1AP32.0    | 1    |     |     |     |     |     |   |   |
| 11  | 2    | 119620-11310 | GASKET, BONNET     | 1    |     |     |     |     |     |   |   |
| 12  | 2    | 119620-12111 | GASKET, MANIFOLD   | 1    |     |     |     |     |     |   |   |
| 13  | 2    | 119620-13110 | GASKET             | 1    |     |     |     |     |     |   |   |
| 14  | 2    | 124701-11911 | GASKET, SILENCER   | 1    |     |     |     |     |     |   |   |
| 15  | 2    | 119660-32020 | GASKET, PUMP       | 1    |     |     |     |     |     |   |   |
| 16  | 2    | 124450-35110 | O-RING             | 1    |     |     |     |     |     |   |   |
| 17  | 2    | 119660-35113 | GASKET             | 1    |     |     |     |     |     |   |   |
| 18  | 2    | 119620-42020 | GASKET, WATER PUMP | 1    |     |     |     |     |     |   |   |
| 19  | 2    | 129350-49541 | GASKET             | 1    |     |     |     |     |     |   |   |
| 20  | 2    | 121520-01851 | GASKET             | 1    |     |     |     |     |     |   |   |
| 21  | 2    | 124465-44950 | GASKET, 16         | 2    |     |     |     |     |     |   |   |
| 22  | 2    | 104200-59170 | GASKET, 12         | 2    |     |     |     |     |     |   |   |
| 23  | 2    | 23414-140000 | GASKET, 14X1.0     | 3    |     |     |     |     |     |   |   |
| 24  | 2    | 24311-000120 | O-RING, 1AP12.0    | 5    |     |     |     |     |     |   |   |
| 25  | 2    | 24311-000160 | O-RING, 1AP16.0    | 1    |     |     |     |     |     |   |   |
| 26  | 2    | 129155-61830 | O-RING, S10        | 3    |     |     |     |     |     |   |   |
| 27  | 2    | 24341-000240 | O-RING, 1AS24.0    | 2    |     |     |     |     |     |   |   |
| 28  | 1    | 129400-92410 | FLEX HORN          | 1    |     |     |     |     |     |   | 1 |

N:Old  $\frac{YES}{NO}$  New, Q:Old  $\frac{NO}{YES}$  New, R:Old  $\frac{YES}{NO}$  New, S:Old  $\frac{NO}{YES}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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| 101158-11190 | 5        | 15       |
| 101304-59020 | 15       | 1        |
| 101720-55750 | 15       | 17       |
| 102103-55520 | 15       | 12       |
| 103854-59191 | 15       | 3        |
| 103854-59201 | 15       | 4        |
| 104200-55321 | 15       | 8        |
| 104200-55330 | 15       | 9        |
| 104200-55341 | 15       | 10       |
| 104200-55750 | 15       | 18       |
| 104200-59170 | 15       | 2        |
|              | 18       | 22       |
| 104211-11370 | 5        | 18       |
| 104264-59030 | 15       | 22       |
| 105010-11230 | 5        | 32       |
|              |          | 36       |
| 105025-59550 | 14       | 37       |
| 105225-23200 | 9        | 30       |
| 105546-51330 | 12       | 25       |
| 105582-59150 | 15       | 23       |
| 110250-55610 | 15       | 13       |
| 114250-53130 | 14       | 7        |
| 114250-53400 | 14       | 9        |
| 119260-07900 | 5        | 1        |
| 119260-59520 | 14       | 35       |
| 119260-59530 | 14       | 36       |
| 119270-61200 | 13       | 13       |
| 119600-01050 | 1        | 4        |
| 119600-01600 | 3        | 2        |
| 119600-01722 | 3        | 15       |
| 119600-11450 | 5        | 21       |
|              | 18       | 8        |
| 119600-11460 | 5        | 22       |
|              | 18       | 9        |
| 119600-21580 | 9        | 12       |
| 119600-34800 | 10       | 13       |
| 119600-35081 | 10       | 30       |
| 119600-52021 | 2        | 31       |
| 119600-61100 | 13       | 3        |
| 119600-61200 | 13       | 4        |
| 119600-61500 | 13       | 27       |
| 119600-61520 | 13       | 40       |
| 119600-61540 | 13       | 42       |
| 119600-61650 | 13       | 43       |
| 119600-61900 | 13       | 48       |
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| 119600-66521 | 13       | 61       |
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| 119600-66840 | 13       | 95       |
| 119610-01000 | 1        | 1 A      |
| 119610-01340 | 1        | 22       |
|              | 18       | 2        |
| 119610-01490 | 2        | 17       |
| 119610-01590 | 2        | 1        |
| 119620-01200 | 1        | 21       |
| 119620-01620 | 3        | 6        |
| 119620-01750 | 3        | 4        |
| 119620-01800 | 2        | 4        |
| 119620-01950 | 2        | 26       |
| 119620-02020 | 1        | 5        |
| 119620-02410 | 1        | 20       |
| 119620-02450 | 8        | 4        |
| 119620-03020 | 4        | 7        |
| 119620-03031 | 4        | 8        |
|              | 18       | 5        |
| 119620-11100 | 5        | 4 A      |
| 119620-11110 | 5        | 12       |
| 119620-11120 | 5        | 13       |
| 119620-11180 | 5        | 14       |
| 119620-11200 | 5        | 25       |
| 119620-11240 | 5        | 26       |
| 119620-11260 | 5        | 29       |
| 119620-11280 | 5        | 30       |
| 119620-11300 | 4        | 9        |
| 119620-11310 | 4        | 11       |
|              | 18       | 11       |
| 119620-11330 | 4        | 5        |
| 119620-11350 | 5        | 41       |
| 119620-11390 | 4        | 12       |
| 119620-11801 | 5        | 44       |
| 119620-12111 | 6        | 2        |
|              | 18       | 12       |
| 119620-13110 | 7        | 2        |
|              | 18       | 13       |
| 119620-14100 | 8        | 7        |
| 119620-14200 | 8        | 1        |
| 119620-14400 | 8        | 2        |
| 119620-21941 | 9        | 10       |
| 119620-22090 | 9        | 16       |
| 119620-22300 | 9        | 24       |
| 119620-22900 | 9        | 33 -1    |
| 119620-22950 | 9        | 35 -1    |
| 119620-23910 | 9        | 39       |
| 119620-25062 | 8        | 13       |
| 119620-25102 | 8        | 11       |
| 119620-42020 | 11       | 13       |

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| 119620-42040 | 11       | 3        |
| 119620-42200 | 11       | 6        |
| 119620-42320 | 11       | 10       |
| 119620-49290 | 11       | 23       |
| 119620-51101 | 12       | 4        |
| 119620-51170 | 12       | 7        |
| 119620-51180 | 12       | 8        |
| 119620-51190 | 12       | 9        |
| 119620-51200 | 12       | 39       |
| 119620-51220 | 12       | 40       |
| 119620-51230 | 12       | 41       |
| 119620-51250 | 12       | 10       |
| 119620-51300 | 12       | 22       |
| 119620-51340 | 12       | 26       |
| 119620-51350 | 12       | 27       |
| 119620-51370 | 12       | 28       |
| 119620-51450 | 12       | 29       |
| 119620-51461 | 12       | 30       |
| 119620-51510 | 12       | 32       |
| 119620-51650 | 12       | 34       |
| 119620-51660 | 12       | 35       |
| 119620-51670 | 12       | 36       |
| 119620-51680 | 12       | 37       |
| 119620-51700 | 12       | 38       |
| 119620-53000 | 14       | 1        |
| 119620-53080 | 14       | 4        |
| 119620-53120 | 14       | 6        |
| 119620-53140 | 14       | 8        |
| 119620-59540 | 14       | 33       |
| 119620-59700 | 14       | 38       |
| 119620-59811 | 14       | 21       |
| 119620-59821 | 14       | 25       |
| 119620-59831 | 14       | 29       |
| 119620-77011 | 16       | 1        |
| 119620-77820 | 5        | 24       |
| 119621-21680 | 9        | 9        |
| 119621-66051 | 13       | 59       |
| 119621-66091 | 13       | 50       |
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| 119621-77340 | 17       | 22       |
| 119629-14580 | 8        | 3        |
| 119631-13101 | 7        | 1        |
| 119632-12501 | 6        | 4        |
| 119632-12551 | 6        | 10       |
| 119632-12590 | 6        | 11       |
| 119640-12580 | 6        | 13       |
| 119643-66560 | 13       | 61 -1    |
| 119645-12100 | 6        | 1        |
| 119656-11410 | 5        | 19       |

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| 119660-01510 | 2        | 20       |
| 119660-01551 | 2        | 23       |
| 119660-01562 | 2        | 24       |
|              | 18       | 3        |
| 119660-01640 | 3        | 7        |
| 119660-01821 | 8        | 22       |
| 119660-01911 | 2        | 5        |
| 119660-11100 | 5        | 5        |
| 119660-21651 | 9        | 8        |
| 119660-25022 | 8        | 9        |
| 119660-25052 | 8        | 10       |
| 119660-32001 | 10       | 1        |
| 119660-32020 | 10       | 11       |
|              | 18       | 15       |
| 119660-32080 | 10       | 3        |
| 119660-32150 | 10       | 4        |
| 119660-32200 | 10       | 9        |
| 119660-35102 | 10       | 15       |
| 119660-35113 | 10       | 16       |
|              | 18       | 17       |
| 119660-35150 | 10       | 17       |
| 119660-35300 | 10       | 19       |
| 119660-35310 | 10       | 20       |
| 119660-42004 | 11       | 1        |
| 119660-42052 | 11       | 4        |
| 119660-42121 | 11       | 5        |
| 119660-42240 | 11       | 7        |
| 119660-42260 | 11       | 8        |
| 119660-42310 | 11       | 9        |
| 119660-42350 | 11       | 16       |
| 119660-51500 | 12       | 31       |
| 119660-51530 | 12       | 33       |
| 119660-61013 | 13       | 15       |
| 119660-61052 | 13       | 17       |
| 119660-61060 | 13       | 1        |
| 119660-61071 | 13       | 2        |
| 119660-61121 | 13       | 10       |
| 119660-61140 | 13       | 11       |
| 119660-61150 | 13       | 12       |
| 119660-61300 | 13       | 8        |
| 119660-61341 | 13       | 9        |
| 119660-61460 | 13       | 18       |
| 119660-61491 | 13       | 26       |
| 119660-61512 | 13       | 39       |
| 119660-61901 | 13       | 49       |
| 119660-77330 | 17       | 25       |
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| 119836-77741 | 17       | 7        |
| 119836-77750 | 17       | 8        |
| 119836-77760 | 17       | 9        |
| 119836-77770 | 17       | 10       |
| 119836-77780 | 17       | 11       |
| 119836-77790 | 17       | 15       |
| 119836-77800 | 17       | 16       |
| 119836-77810 | 17       | 19       |
| 119836-77820 | 17       | 20       |
| 119836-77830 | 17       | 21       |
| 119836-77840 | 17       | 17       |
| 119836-77850 | 17       | 3        |
| 119836-77860 | 17       | 18       |
| 119836-77871 | 17       | 12       |
| 119836-77880 | 17       | 13       |
| 119836-77890 | 17       | 14       |
| 119865-21600 | 9        | 15       |
| 119865-35320 | 10       | 21       |
| 119865-35330 | 10       | 22       |
| 119865-35350 | 10       | 26       |
| 121023-01550 | 2        | 12       |
| 121024-12660 | 6        | 5        |
| 121111-21501 | 9        | 11       |
| 121120-01620 | 3        | 3        |
| 121120-77930 | 16       | 15       |
| 121250-44901 | 11       | 27       |
| 121250-55620 | 15       | 14       |
| 121254-55510 | 15       | 11       |
| 121450-01560 | 2        | 21       |
| 121450-42450 | 11       | 26       |
| 121465-12510 | 6        | 7        |
| 121465-12700 | 6        | 6        |
| 121520-01851 | 2        | 25       |
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| 121520-34810 | 10       | 14       |
| 121575-66830 | 13       | 94       |
| 121850-11860 | 5        | 9        |
| 124060-59380 | 15       | 5        |
| 124064-12680 | 6        | 8        |
| 124064-12690 | 6        | 9        |
| 124066-59100 | 14       | 34       |
| 124085-02220 | 3        | 9        |
| 124160-01751 | 2        | 15       |
|              | 4        | 18       |
| 124160-11340 | 5        | 16       |
|              | 18       | 7        |
| 124160-11360 | 4        | 16       |
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| 124465-44950 | 11       | 28       |
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| 124550-55700 | 15       | 15       |
| 124550-66370 | 13       | 60       |
| 124700-44740 | 11       | 17       |
| 124701-11911 | 7        | 7        |
|              | 18       | 14       |
| 124772-66750 | 13       | 93       |
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|              | 18       | 6        |
| 124950-66590 | 13       | 66       |
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|              | 9        | 2        |
| 129100-61460 | 13       | 63       |
| 129100-61930 | 13       | 57       |
| 129150-35340 | 10       | 23       |
| 129150-35350 | 10       | 27       |
| 129150-59120 | 14       | 17       |
| 129150-59130 | 14       | 20       |
| 129155-51280 | 13       | 14       |
| 129155-61480 | 13       | 21       |
| 129155-61530 | 13       | 41       |
| 129155-61570 | 13       | 70       |
| 129155-61580 | 13       | 71       |
| 129155-61590 | 13       | 72       |
| 129155-61830 | 14       | 16       |
|              | 18       | 26       |
| 129156-61600 | 13       | 73       |
| 129350-49530 | 11       | 19       |
| 129350-49541 | 11       | 20       |
|              | 18       | 19       |
| 129350-49800 | 11       | 21       |
| 129400-92410 | 18       | 28       |
| 129555-61800 | 13       | 74       |
| 129795-77800 | 5        | 23       |
| 135210-61090 | 13       | 103      |
| 171059-55600 | 15       | 7        |
| 171301-01640 | 3        | 12       |
| 174307-51700 | 13       | 28       |
| 194990-22050 | 2        | 30       |
|              | 7        | 3        |
|              | 13       | 105      |
| 22117-040000 | 13       | 44       |
| 22117-050000 | 13       | 91       |
| 22137-040000 | 12       | 43       |
| 22217-040000 | 12       | 44       |
| 22217-050000 | 4        | 13       |

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| 22252-000210 | 9        | 25       |
| 22272-000040 | 13       | 45       |
|              |          | 92       |
| 22351-020004 | 13       | 46       |
| 22351-030014 | 13       | 47       |
| 22351-040010 | 2        | 22       |
|              | 13       | 54       |
| 22351-040014 | 10       | 10       |
| 22351-060012 | 5        | 20       |
| 22360-040000 | 13       | 96       |
| 22360-060000 | 13       | 97       |
| 22451-060000 | 13       | 104      |
| 22512-040120 | 8        | 8        |
|              |          | 20       |
| 23000-060000 | 6        | 14       |
| 23065-120500 | 4        | 1        |
| 23414-080012 | 15       | 24       |
| 23414-140000 | 14       | 39       |
|              | 18       | 23       |
| 23418-060000 | 15       | 19       |
| 23871-010000 | 1        | 10       |
| 23871-030000 | 11       | 11       |
| 24101-062034 | 8        | 23       |
| 24102-063034 | 8        | 21       |
| 24311-000120 | 2        | 6        |
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| 24311-000160 | 10       | 28       |
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| 24311-000320 | 2        | 16       |
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| 26014-080202 | 6        | 15       |
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| 26106-060122 | 1        | 23       |
|              | 3        | 17       |

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| 26106-060162 | 2        | 7        |
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| 26106-060182 | 2        | 14       |
| 26106-060202 | 6        | 3        |
| 26106-060222 | 3        | 10       |
| 26106-060302 | 2        | 8        |
| 26106-060452 | 3        | 18       |
| 26106-060602 | 2        | 9        |
|              |          | 10       |
| 26106-060702 | 13       | 99       |
| 26106-060802 | 2        | 11       |
| 26106-080142 | 5        | 2        |
|              |          | 3        |
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| 26106-080402 | 7        | 4        |
| 26106-080452 | 5        | 42       |
|              | 11       | 14       |
| 26106-081052 | 17       | 23       |
| 26116-050102 | 13       | 100      |
| 26116-080702 | 15       | 21       |
| 26116-120252 | 16       | 49       |
| 26206-100252 | 3        | 5        |
| 26216-060162 | 2        | 33       |
| 26216-080222 | 7        | 5        |
| 26216-080552 | 7        | 6        |
| 26366-060002 | 2        | 34       |
| 26366-080002 | 5        | 43       |
|              | 6        | 16       |
|              | 17       | 24       |
| 26450-060202 | 10       | 12       |
| 26557-050102 | 4        | 15       |
| 26577-060122 | 11       | 12       |
| 26587-040102 | 12       | 46       |
| 26587-080102 | 8        | 25       |
| 26756-050002 | 13       | 67       |
| 26756-060002 | 5        | 34       |
|              |          | 38       |
| 26979-050162 | 5        | 40       |
| 27221-050080 | 5        | 10       |
| 27231-450000 | 1        | 11       |
| 27241-120000 | 1        | 12       |
| 27241-300000 | 1        | 13       |
| 27241-400000 | 5        | 11       |
| 27310-070001 | 5        | 15 -1    |
| 43400-500390 | 15       | 6        |
| 43400-500400 | 13       | 101      |
| 43400-500450 | 13       | 102      |

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| 719600-22540 | 9        | 35       |
| 719600-22820 | 9        | 33       |
| 719610-01560 | 1        | 1        |
| 719620-02800 | 1        | 14       |
| 719620-02870 | 1        | 24       |
| 719620-02930 | 1        | 17       |
| 719620-11650 | 5        | 31       |
| 719620-11660 | 5        | 35       |
| 719620-22500 | 9        | 18       |
| 719620-23100 | 9        | 26       |
| 719620-23600 | 9        | 41       |
| 719620-23610 | 9        | 40       |
| 719621-51100 | 12       | 1        |
| 719631-01540 | 3        | 11       |
| 719641-92600 | 18       | 1        |
| 719660-11700 | 5        | 4        |
| 719660-14590 | 8        | 16       |
| 719660-21700 | 9        | 1        |
| X0280210230  | 16       | 8        |
| X0280630011  | 16       | 2        |
| X0281003751  | 16       | 3        |
| X0282001531  | 16       | 4        |
| X0283005050  | 16       | 7        |
| X0283060061  | 16       | 16       |
| X0283270140  | 16       | 9        |
| X0283711420  | 16       | 17       |
| X0283715030  | 16       | 10       |
| X0283810040  | 16       | 11       |
| X0284004910  | 16       | 18       |
| X0285040631  | 16       | 19       |
| X0285100460  | 16       | 20       |
| X0534006460  | 16       | 22       |
| X0534040320  | 16       | 23       |
| X0534490120  | 16       | 24       |
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| X9025808001  | 16       | 42       |
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| X9490071810  | 16       | 43       |
| X9490071970  | 16       | 44       |
| X9490170900  | 16       | 33       |
|              |          | 34       |
| X9490423330  | 16       | 45       |
| X9490441303  | 16       | 35       |

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| X9490502820 | 16       | 37       |
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| X9490561370 | 16       | 46       |
| X9490721080 | 16       | 12       |
| X9491001360 | 16       | 5        |
| X9491001860 | 16       | 6        |
| X9491200240 | 16       | 47       |
| X9491402100 | 16       | 39       |
|             |          | 40       |
| X9491703371 | 16       | 13       |
| X9491703380 | 16       | 48       |
| X9491704260 | 16       | 14       |
| X9491730461 | 16       | 21       |

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